



Lyphochek® Immunoassay Plus Control Levels 1, 2 and 3

REF	370 Trilevel 12 x 5 mL
	371 Level 1 12 x 5 mL
	372 Level 2 12 x 5 mL
	373 Level 3 12 x 5 mL
	370X MiniPak 3 x 5 mL



Level 1	40431
Level 2	40432
Level 3	40433



<https://www.myeinserts.com/40430>

USO INTENCIONADO

Lyphochek Immunoassay Plus Control tiene un uso intencionado como suero valorado para el control de la calidad con el fin de supervisar la precisión de los procedimientos de análisis del laboratorio para los analitos que se enumeran en este prospecto.

INTRODUCCIÓN Y PRINCIPIO

El uso de materiales para el control de la calidad está indicado para la evaluación objetiva de la precisión de los métodos y las técnicas en uso, y forma parte integral de las buenas prácticas del laboratorio. Existen varios niveles de control para permitir supervisar la fiabilidad del sistema de análisis.

Para los clientes en Alemania: Para evaluar el funcionamiento del laboratorio es necesario material para el control de la calidad, tal como se describe en la "Directriz para el control de la calidad de los exámenes de laboratorios médicos según la Asociación alemana de médicos" (directriz Rili-BÄK).

REACTIVOS

Este producto se prepara a partir de suero humano con la adición de productos químicos, constituyentes de origen humano y animal, drogas terapéuticas y estabilizadores. Este producto se suministra liofilizado para aumentar su estabilidad.

CONSERVACIÓN Y ESTABILIDAD

Este producto permanecerá estable hasta la fecha de caducidad, siempre que esté almacenado sin abrir a una temperatura entre 2 y 8°C.

Reconstituido y refrigerado: Una vez reconstituido el producto, si se almacena bien tapado entre 2 y 8°C, permanecerá estable como se indica a continuación:

- Todos los analitos: 7 días

Excepto:

- Folato y PSA (total): 3 días a una temperatura entre 2 y 8°C

- Péptido C: 1 día a una temperatura entre 2 y 8°C

- ACTH, Calcitonina, Gastrina y PSA (libre): Lleve a cabo el ensayo de inmediato después de reconstruir el producto según las instrucciones del a

Reconstituido y congelado: Una vez reconstituido el producto, si se almacena bien tapado entre -20 y -70°C, permanecerá estable como se indica a continuación:

- Todos los analitos: 20 días

Excepto:

- ACTH, Aldosterona, Calcitonina y Péptido C: No se garantiza la estabilidad en caso de congelación.

Una vez que haya descongelado este producto, no lo vuelva a congelar. Deseche el material sobrante.

Este producto se transporta a temperatura ambiente.

PROCEDIMIENTO

Este producto debe tratarse de la misma forma que las muestras de pacientes y debe ser ensayado conforme a las instrucciones incluidas con el instrumento, kit o reactivos utilizados.

Utilizando una pipeta volumétrica o equivalente, reconstituya cada vial con 5,0 mL de agua destilada o desionizada. Vuelva a taponarlo y deje reposar el producto durante aproximadamente 15 minutos, girándolo en círculos de vez en cuando.

Antes de utilizarlo, deje que el producto alcance la temperatura ambiente (entre 18 y 25°C). Gire el vial en círculos varias veces con suavidad para garantizar su homogeneidad. Tras cada uso, tápelo inmediatamente y consérvelo de nuevo entre 2 y 8°C.

Elimine todo material desechable de acuerdo con las normativas locales vigentes sobre la gestión de residuos. En el caso de que el envoltorio haya sufrido daños, póngase en contacto con la oficina de ventas o con el Servicio técnico local de Bio-Rad.

LIMITACIONES

1. Este producto no debe utilizarse después de la fecha de caducidad.
2. Si hubiese indicios de contaminación microbiana o exceso de turbidez en el producto reconstituido, deseche el vial.
3. Este producto no está previsto para ser utilizado como estándar.

PRECAUCIONES



Material de origen biológico. Manipular como potencialmente infeccioso.

Todas las unidades de donantes humanos utilizadas en la fabricación de este producto se han analizado según métodos aceptados por la FDA (agencia estadounidense para alimentos y fármacos). Los resultados de los análisis no presentaron reacción ni pruebas de infección por el virus de inmunodeficiencia humana (VIH), el virus de la hepatitis B (VHB) ni el virus de la hepatitis C (VHC). Este producto puede contener asimismo materiales de origen humano para los que no existen análisis homologados. De acuerdo con las buenas prácticas del laboratorio, todo material de origen humano se debe considerar potencialmente infeccioso y manipular con las mismas precauciones que las muestras de pacientes.

La ficha de datos de seguridad (SDS) está disponible para los usuarios profesionales en www.bio-rad.com.

CARACTERÍSTICAS ESPECÍFICAS DE FUNCIONAMIENTO

Este es un producto liofilizado que ha sido fabricado según las más estrictas normas de control de la calidad. Para obtener valores de ensayo coherentes, será necesario almacenar y manipular el control según se indica.

ASIGNACIÓN DE VALORES

Los valores medios y los correspondientes rangos de $\pm 3s$ que figuran en las tablas de datos de asignación de valores (Assignment of Values Data Charts), que se facilitan aparte, se obtuvieron a partir de la repetición de análisis y son específicos de este lote de producto. Se incluyen datos del Programa de Intercomparación Unity™ en la determinación de algunos rangos. Las pruebas fueron realizadas por el fabricante o por laboratorios independientes que utilizaron reactivos admitidos por el fabricante y una muestra representativa de este lote de producto. Se recomienda que cada laboratorio establezca sus propios rangos aceptables y utilice los que aquí se proporcionan solo como orientación. Los rangos establecidos por el laboratorio pueden variar respecto a los indicados, mientras dure este control. [Los clientes en Alemania deben cumplir los requisitos descritos en la directriz Rili-BÄK.] Las variaciones a lo largo del tiempo y entre laboratorios pueden deberse a diferencias en las técnicas del laboratorio, su instrumental, sus reactivos, o a modificaciones introducidas en el método de medida del fabricante.

El Programa de Intercomparación Unity™ es un programa de software patentado de Bio-Rad que contiene más de dos mil millones de datos de CC procedentes de miles de laboratorios.

INSTRUCCIONES PARA OBTENER TABLAS DE DATOS

Las tablas de datos están disponibles a través de Internet en www.myeinserts.com/40430. Siga las instrucciones del sitio web para recibir por correo electrónico la notificación de las actualizaciones del prospecto. Para recibir las tablas de datos de otra forma, póngase en contacto con la oficina local de Bio-Rad.

ANALITOS

11-Deoxicortisol	Dehidroepiandrosterona (DHEA) □	Glucagón □	Prolactina
17-Alfa Hidroxiprogesterona	Dehidroepiandrosterona sulfato (DHEA Sulfato)	hCG	Propranolol ○
Acetaminofeno	Desipramina ○	Hierro ◆	PSA (libre)
Ácido valpróico	Digoxina	Hierro (TIBC) ◆	PSA (total)
Ácido valpróico (libre) ○	Disopiramide ○	Hormona estimulante del folículo (FSH)	PTH (Intacta) □
ACTH	Estradiol	Hormona estimulante del tiroides (TSH)	Quinidina ○
AFP	Estríol (libre)	Hormona Humana del Crecimiento (hGH)	Salicilato
Aldosterona	Estríol (total) □	Hormona luteinizante (LH)	Subunidad beta hCG
Amikacina	Estrógenos (total) ○	IGF-1/Somatomedina-C ◆	T3 (Captación)/T (Captación)
Amiodarona □	Etosuximida	Imipramina ○	T3 (libre)
Amitriptilina ○	Fenitoína	Inmunoglobulina A (IgA) ◆	T3 (total)
Androstendiona	Fenitoína (libre) ○	Inmunoglobulina E (IgE)	T4 (libre)
Angiotensina I ◆ □	Fenobarbital	Inmunoglobulina G (IgG) ◆	T4 (total)
Antidepresivos tricíclicos (ATC) ○	Ferritina	Inmunoglobulina M (IgM) ◆	Teofilina
Antitiroglobulina (Anti Tg) □	Flecainida ○	Insulina	Testosterona
Antitiroperoxidasa (Anti TPO) □	Folato	Lidocaína	Testosterona (Libre)
Cafeína	Fosfatasa Ácida Prostática (PAP)	Litio	Tiroglobulina (Tg) ◆
Calcitonina	Fructosamina ◆ ○	N-Acetilprocainamida (NAPA)	Tobramicina
Carbamacepina	Gastrina	Netilmicina □	Tripsinógeno inmunorreactivo (IRT) □
Carbamacepina (libre) ○	Gentamicina	Nortriptilina ○	Vancomicina
CEA	Globulina fijadora de hormonas sexuales (SHBG) □	Péptido C	Vitamina B12
Ciclosporina □	Globulina fijadora de tiroxina (TBG) ◆	Primidona	Vitamina D 25-hidróxido ◆
Cloranfenicol ○		Procainamida	
Cortisol		Progesterona	

NOTAS

- ◆ Sólo niveles endógenos.
- No se garantiza el valor previsto ni la estabilidad de este analito.
- No se proporcionan valores.

LEXICÓN


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BIO-RAD Lyphocheck® Immunoassay Plus Control, Levels 1, 2 and 3

Fecha de revisión 2024-10-07 → Indica información revisada

MÉTODO (1)

	Unidades	Nivel 1 - 40431		Nivel 2 - 40432		Nivel 3 - 40433	
		Media	Rango	Media	Rango	Media	Rango
11-DEOXCORTISOL (2)							
DIAsource RIA CT	ng/mL	▲		▲		▲	
17-ALFA HIDROXIPROGESTERONA (2)							
Beckman Coulter RIA (IM1452)	ng/mL	0.560	0.390 – 0.730	1.47	1.03 – 1.91	4.04	3.03 – 5.05
Calbiotech ELISA	ng/mL	0.450	0.300 – 0.600	1.93	1.29 – 2.57	6.93	4.62 – 9.24
Diagnostics Biochem Canada ELISA	ng/mL	§		§		§	
DiaMetra ELISA	ng/mL	<0.260		1.56	1.10 – 2.03	4.81	3.37 – 6.26
DIAsource RIA CT	ng/mL	0.875	0.626 – 1.12	2.22	1.88 – 2.57	4.79	4.18 – 5.40
DRG ELISA (EIA-1292)	ng/mL	0.640	0.350 – 0.920	2.16	1.19 – 3.13	6.36	3.50 – 9.22
IBL ELISA	ng/mL	0.610	0.210 – 1.00	2.33	1.28 – 3.37	6.21	3.41 – 9.00
Monobind AccuBind ELISA	ng/mL	0.950	0.640 – 1.27	3.83	2.56 – 5.09	8.38	5.61 – >10.0
Monobind AccuBind ELISA 17-OHP-SI	ng/mL	0.520	0.350 – 0.690	1.99	1.34 – 2.65	4.41	2.96 – 5.87
Monobind AccuLite CLIA	ng/mL	0.990	0.660 – 1.32	3.84	2.57 – 5.11	9.02	6.04 – >10.0
Monobind AccuLite CLIA 17-OHP-SI	ng/mL	0.490	0.330 – 0.650	1.83	1.23 – 2.44	4.65	3.12 – 6.19
ACETAMINOFENO (2)							
Cambridge Life Sciences Paracetamol (K8003)	µg/mL	10.6	7.40 – 13.9	34.6	27.6 – 41.5	113	90.5 – 136
SEKURE (Sekisui Diagnostics)	µg/mL	10.3	7.70 – 12.9	34.0	25.5 – 42.5	113	84.4 – 141
ÁCIDO VALPRÓICO (2)							
Sekisui Medical Nanopia	µg/mL	31.7	19.0 – 44.4	85.2	59.6 – 111	117	93.8 – 141
ACTH (2)							
Beckman Coulter IRMA (IM2030)	pg/mL	28.1	18.3 – 38.0	87.0	56.5 – 117	185	130 – 241
Biomerica ELISA	pg/mL	§		§		§	
BRAHMS Diagnostica RIA	pg/mL	38.5	28.0 – 49.0	157	127 – 187	307	262 – 352
Monobind AccuBind ELISA	pg/mL	18.0	12.1 – 23.9	85.7	57.4 – 114	158	106 – 210
Monobind AccuLite CLIA	pg/mL	16.1	10.8 – 21.4	91.7	61.4 – 122	164	110 – 219
AFP (2)							
Beckman Coulter IRMA (IM1441)	ng/mL	20.2	15.2 – 25.2	108	81.2 – 135	242	182 – 302
Beckman Coulter Screening IRMA (A37404)	ng/mL	20.7	15.5 – 25.9	118	88.4 – 147	275	206 – 343
Calbiotech ELISA	ng/mL	11.4	7.63 – 15.3	91.0	60.7 – 121	215	144 – 287
DiaMetra ELISA	ng/mL	15.7	11.0 – 20.4	67.3	47.1 – 87.5	105	73.3 – 136
DRG ELISA (EIA-1468)	ng/mL	28.7	18.9 – 38.4	157	103 – 210	>193	
Fortress Diagnostics	ng/mL	16.3	13.8 – 18.7	157	133 – 180	239	203 – 275
HUMAN ELISA	ng/mL	14.1	9.43 – 18.7	96.1	64.4 – 128	212	142 – 282
IBL ELISA	UI/mL	▲		▲		▲	
Institute of Isotopes IRMA	UI/mL	12.9	9.69 – 16.1	76.8	61.5 – 92.2	171	137 – 205
Monobind AccuBind ELISA	ng/mL	14.1	9.43 – 18.7	96.1	64.4 – 128	212	142 – 282
Monobind AccuLite CLIA	ng/mL	13.1	8.78 – 17.4	90.9	60.9 – 121	198	133 – 263
ALDOSTERONA (2)							
Beckman Coulter RIA (DSL8600)	pg/mL	117	76.0 – 158	294	205 – 382	770	539 – 1001
Beckman Coulter RIA (IM1664)	pg/mL	79.6	51.7 – 107	155	100 – 209	390	273 – 507
DiaMetra ELISA	pg/mL	99.5	60.7 – 138	385	270 – 501	785	549 – 1020
DIAsource RIA CT	pg/mL	107	82.0 – 131	202	158 – 246	547	444 – 651
DRG ELISA (EIA-5298)	pg/mL	76.7	42.2 – 111	330	182 – 479	860	473 – >1000
IBL ELISA	pg/mL	76.7	42.2 – 111	330	182 – 479	860	473 – >1000
Monobind AccuBind ELISA	pg/mL	159	101 – 218	358	240 – 476	913	612 – 1214
Monobind AccuLite CLIA	pg/mL	146	98.0 – 195	325	218 – 432	860	576 – 1143
ANDROSTENDIONA							
Beckman Coulter RIA (DSL3800) (2)	ng/mL	0.510	0.330 – 0.690	1.37	0.960 – 1.78	2.81	1.96 – 3.65
Beckman Coulter RIA Delta4 (IM0674) (2)	ng/mL	1.18	0.710 – 1.65	3.04	1.82 – 4.25	5.28	3.44 – 7.13
Calbiotech ELISA (2)	ng/mL	2.03	1.35 – 2.70	5.45	3.63 – 7.26	8.56	5.70 – >10.0
Diagnostics Biochem Canada ELISA (2)	ng/mL	§		§		§	
DiaMetra ELISA (2)	ng/mL	0.420	0.290 – 0.550	2.20	1.54 – 2.86	3.55	2.48 – 4.61
DIAsource RIA CT (2)	ng/mL	0.918	0.643 – 1.19	2.79	1.93 – 3.63	5.14	3.59 – 6.68
DRG ELISA (EIA-3265) (2)	ng/mL	0.480	0.270 – 0.700	1.35	0.740 – 1.96	3.19	1.76 – 4.63

BIO-RAD Lyphocheck® Immunoassay Plus Control, Levels 1, 2 and 3

MÉTODO (1)

	Unidades	Nivel 1 - 40431		Nivel 2 - 40432		Nivel 3 - 40433	
		Media	Rango	Media	Rango	Media	Rango
ANDROSTENDIONA (continuación)							
IBL ELISA (2)	ng/mL	0.480	0.270 – 0.700	1.35	0.740 – 1.96	3.19	1.76 – 4.63
Monobind AccuBind ELISA (ANST) (2)	ng/mL	1.11	0.740 – 1.48	3.17	2.13 – 4.22	6.66	4.46 – 8.85
Monobind AccuLite CLIA (ANST) (2)	ng/mL	1.12	0.750 – 1.48	3.06	2.05 – 4.07	6.35	4.25 – 8.45
Siemens Atellica Solution (ANDRO) (IM)	ng/mL	0.607	0.328 – 0.885	1.29	0.771 – 1.80	2.42	1.51 – 3.33
CAFÉINA							
Emit	µg/mL	2.15	1.39 – 2.91	7.05	4.90 – 9.20	14.3	10.1 – 18.5
CALCITONINA							
Biomerica ELISA (2)	pg/mL	§		§		§	
DIAsource CT US IRMA 2nd IS 89/620 (2)	pg/mL	49.0	40.7 – 57.4	211	190 – 231	395	354 – 436
EUROIMMUN IRMA CT (2)	pg/mL	§		§		§	
IBL RIA (2)	pg/mL	▲		▲		▲	
Institute of Isotopes IRMA (2)	pg/mL	26.6	19.9 – 33.2	165	132 – 198	344	275 – 413
Monobind AccuBind ELISA (2)	pg/mL	27.6	18.5 – 36.8	178	119 – 237	326	218 – 433
Monobind AccuLite CLIA (2)	pg/mL	27.2	18.2 – 36.1	171	114 – 227	294	197 – 391
Siemens Atellica Solution (CALCT) (IM)	pg/mL	28.0	14.0 – 42.0	170	121 – 218	359	264 – 454
CARBAMACEPINA (2)							
Sekisui Medical Nanopia	µg/mL	2.91	1.74 – 4.07	8.03	5.62 – 10.4	13.2	10.5 – 15.8
CEA (2)							
Beckman Coulter CEA IRMA (IM2204/IM2274)	ng/mL	1.28	0.960 – 1.60	5.81	4.36 – 7.26	7.52	5.64 – 9.40
Calbiotech ELISA	ng/mL	0.926	0.620 – 1.24	10.7	7.15 – 14.3	18.6	12.4 – 24.7
DiaMetra ELISA	ng/mL	<5.00		19.0	13.3 – 24.7	29.6	20.7 – 38.5
DIAsource IRMA	ng/mL	2.62	1.83 – 3.40	32.0	25.1 – 39.0	68.1	52.4 – 83.8
HUMAN ELISA	ng/mL	1.84	1.23 – 2.45	15.6	10.5 – 20.8	22.8	15.2 – 30.3
Institute of Isotopes IRMA	ng/mL	1.73	1.21 – 2.24	13.0	10.4 – 15.6	25.0	20.0 – 30.0
Monobind AccuBind (NG ELISA)	ng/mL	<2.00		13.7	9.19 – 18.2	21.1	14.2 – 28.1
Monobind AccuBind ELISA	ng/mL	1.84	1.23 – 2.45	15.6	10.5 – 20.8	22.8	15.2 – 30.3
Monobind AccuLite (NG CLIA)	ng/mL	<3.00		12.7	8.52 – 16.9	18.8	12.6 – 24.4
Monobind AccuLite CLIA	ng/mL	1.98	1.33 – 2.64	14.2	9.49 – 18.8	21.4	14.3 – 28.5
CORTISOL (2)							
Beckman Coulter Cortisol Sensitive RIA	nmol/L	114	85.5 – 143	562	421 – 702	803	602 – 1004
Beckman Coulter RIA (IM1841)	µg/dL	4.06	3.05 – 5.07	21.3	16.0 – 26.6	29.9	22.4 – 37.3
Calbiotech ELISA	ng/mL	44.0	29.3 – 58.7	272	181 – 362	427	284 – 569
DIALAB Cortisol	ng/mL	26.0	15.9 – 36.1	370	311 – 428	>500	
DiaMetra ELISA	ng/mL	20.2	14.2 – 26.3	262	183 – 341	413	289 – >500
DIAsource RIA CT	µg/dL	3.40	2.38 – 4.42	17.7	12.5 – 23.0	25.9	18.4 – 33.5
DRG ELISA (EIA-1887)	ng/mL	31.0	19.8 – 42.1	207	133 – 282	308	197 – 420
HUMAN ELISA	ng/mL	35.8	22.9 – 48.7	230	147 – 313	336	215 – 457
IBL Serum ELISA	ng/mL	30.0	24.0 – 36.0	226	181 – 271	364	291 – 436
Institute of Isotopes RIA	ng/mL	30.4	22.8 – 38.0	155	124 – 186	231	184 – 277
Monobind AccuBind ELISA	µg/dL	3.80	2.55 – 5.05	18.4	12.3 – 24.4	29.9	20.1 – 39.8
Monobind AccuLite CLIA	µg/dL	3.54	2.37 – 4.70	18.7	12.6 – 24.9	32.2	21.6 – 42.9
DEHIDROEPIANDROSTERONA SULFATO (DHEA SULFATO) (2)							
Beckman Coulter RIA (IM0729)	µg/dL	76.9	46.1 – 108	174	104 – 243	729	437 – 1020
Beckman Coulter RIA DHEA-S-7 (DSL2700)	ng/mL	629	472 – 786	1815	1361 – 2268	5109	3576 – 6641
Calbiotech ELISA	µg/mL	1.38	0.920 – 1.84	2.58	1.72 – 3.44	7.62	5.08 – 10.2
DiaMetra ELISA	µg/mL	0.770	0.470 – 1.07	1.97	1.23 – 2.72	5.28	3.62 – 6.95
DIAsource RIA CT	µg/dL	86.0	74.8 – 97.1	181	145 – 217	580	435 – 725
DRG ELISA (EIA-1562)	µg/mL	0.550	0.300 – 0.800	1.40	0.770 – 2.04	4.37	2.40 – 6.33
HUMAN ELISA	µg/mL	0.650	0.360 – 0.940	1.87	1.03 – 2.71	4.89	2.74 – 7.22
IBL ELISA	µg/mL	0.870	0.560 – 1.17	2.34	1.52 – 3.16	7.44	4.84 – 10.0
Institute of Isotopes RIA	µg/mL	0.781	0.585 – 0.978	1.58	1.26 – 1.90	5.57	4.44 – 6.70
Monobind AccuBind ELISA	µg/mL	0.700	0.470 – 0.930	2.33	1.56 – 3.10	6.94	4.65 – >8.00
Monobind AccuLite CLIA	µg/mL	0.670	0.450 – 0.880	2.23	1.49 – 2.96	6.45	4.32 – >8.00
DIGOXINA (2)							
Monobind AccuBind ELISA	ng/mL	0.760	0.510 – 1.02	2.19	1.46 – 2.91	3.41	2.28 – >4.00

BIO-RAD Lyphocheck® Immunoassay Plus Control, Levels 1, 2 and 3
MÉTODO (1)

	Unidades	Nivel 1 - 40431		Nivel 2 - 40432		Nivel 3 - 40433	
		Media	Rango	Media	Rango	Media	Rango
DIGOXINA (2) (continuación)							
Monobind AccuLite CLIA	ng/mL	0.780	0.520 - 1.04	2.21	1.48 - 2.94	3.52	2.36 - >4.00
Sekisui Medical Nanopia	ng/mL	0.730	0.438 - 1.02	2.13	1.49 - 2.77	3.56	2.84 - 4.27
ESTRADIOL (2)							
Beckman Coulter RIA (A21854)	pg/mL	78.8	47.3 - 110	131	78.5 - 183	235	141 - 328
Beckman Coulter RIA US Estradiol (DSL4800)	pg/mL	65.0	39.0 - 91.0	111	66.3 - 155	206	123 - 288
Calbiotech ELISA	pg/mL	81.2	54.2 - 108	272	181 - 363	695	463 - 926
DIALAB 17-beta	pg/mL	108	69.7 - 146	317	255 - 378	722	617 - 828
DiaMetra ELISA (17 Beta)	pg/mL	125	81.1 - 169	385	270 - 501	795	556 - 1033
DIAsource E2 RIA CT	pg/mL	87.0	61.0 - 113	199	159 - 239	412	366 - 458
DRG ELISA (EIA-2963)	pg/mL	147	82.3 - 212	467	261 - 672	940	526 - 1353
HUMAN ELISA	pg/mL	186	104 - 267	604	338 - 870	1165	652 - 1677
IBL ELISA	pg/mL	147	82.3 - 212	467	261 - 672	940	526 - 1353
Monobind AccuBind ELISA	pg/mL	97.5	64.8 - 130	235	157 - 312	392	262 - 521
Monobind AccuLite CLIA	pg/mL	111	74.5 - 148	221	148 - 293	345	231 - 459
ESTRIOL (LIBRE) (2)							
Beckman Coulter RIA (IM3594)	ng/mL	0.650	0.390 - 0.910	2.22	1.33 - 3.11	5.92	3.55 - 8.29
Calbiotech ELISA	ng/mL	6.57	4.38 - 8.76	13.8	9.22 - 18.4	30.0	20.0 - >30.0
DiaMetra ELISA	ng/mL	§		§		§	
DRG ELISA (EIA-1612)	ng/mL	1.97	1.08 - 2.85	6.41	3.52 - 9.29	13.6	7.46 - 19.7
HUMAN ELISA	ng/mL	1.64	0.900 - 2.37	4.91	2.70 - 7.12	12.6	6.91 - 18.2
IBL ELISA Unconjugated	ng/mL	▲		▲		▲	
Monobind AccuBind ELISA	ng/mL	3.28	2.20 - 4.37	9.80	6.57 - 13.0	20.8	12.8 - 28.8
Monobind AccuLite CLIA	ng/mL	3.19	2.13 - 4.24	10.1	6.77 - 13.4	23.0	15.4 - >30.0
ETOSUXIMIDA							
Emit	µg/mL	27.1	21.2 - 33.0	67.9	53.4 - 82.5	107	83.9 - 130
FENITOÍNA (2)							
Sekisui Medical Nanopia	µg/mL	6.71	4.02 - 9.39	13.5	9.44 - 17.5	26.7	21.4 - 32.1
FENOBARBITAL (2)							
Sekisui Medical Nanopia	µg/mL	8.67	5.20 - 12.1	23.7	16.6 - 30.8	47.4	37.9 - 56.8
FERRITINA (2)							
Beckman Coulter IRMA (IM3492)	ng/mL	63.9	47.9 - 79.9	178	134 - 223	439	329 - 549
Calbiotech ELISA	ng/mL	48.7	32.5 - 65.0	208	139 - 278	584	389 - 779
DiaMetra ELISA	ng/mL	82.0	57.4 - 107	309	216 - 401	>800	
Fortress Diagnostics	ng/mL	54.3	46.2 - 62.5	161	137 - 185	368	312 - 423
Monobind AccuBind ELISA	ng/mL	58.8	39.4 - 78.2	155	104 - 206	352	236 - 468
Monobind AccuLite CLIA	ng/mL	59.4	39.8 - 79.0	142	95.3 - 189	345	231 - 458
FOLATO							
Monobind AccuBind ELISA (2)	ng/mL	3.61	2.42 - 4.81	6.27	4.20 - 8.34	8.38	5.62 - 11.2
Monobind AccuLite CLIA (2)	ng/mL	2.72	1.82 - 3.62	5.31	3.56 - 7.07	8.15	5.46 - 10.8
GLOBULINA FIJADORA DE TIROXINA (TBG) (2)							
BRAHMS Diagnostica RIA	µg/mL	15.7	13.0 - 18.4	13.1	11.3 - 14.9	13.4	11.0 - 15.8
HCG (2)							
Beckman Coulter IRMA (IM2110)	mIU/mL	<7.60		25.7	19.3 - 32.1	237	178 - 297
Calbiotech ELISA	mIU/mL	2.62	1.75 - 3.49	13.9	9.30 - 18.6	202	134 - 269
DIAsource hCG + Beta IRMA	mIU/mL	9.85	6.89 - 12.8	44.8	35.6 - 53.9	284	234 - 335
DRG ELISA (EIA-1469)	mIU/mL	■		27.2	16.9 - 37.5	192	119 - 265
Fortress Diagnostics (Rapid hCG)	mIU/mL	5.89	5.01 - 6.77	16.3	13.9 - 18.8	225	191 - 259
HUMAN ELISA	mIU/mL	6.92	4.63 - 9.20	17.7	11.8 - 23.5	235	157 - >250
Institute of Isotopes IRMA (BhCG)	mIU/mL	5.38	3.77 - 6.99	24.0	19.2 - 28.8	270	216 - 324
Monobind AccuBind ELISA	mIU/mL	6.25	4.19 - 8.32	19.1	12.8 - 25.4	234	157 - >250
Monobind AccuBind ELISA (hCG-XR)	mIU/mL	5.09	3.41 - 6.78	17.4	11.7 - 23.2	176	118 - 234
Monobind AccuBind ELISA (Rapid hCG)	mIU/mL	6.92	4.63 - 9.20	17.7	11.8 - 23.5	235	157 - >250
Monobind AccuLite CLIA	mIU/mL	7.15	4.79 - 9.51	17.4	11.7 - 23.2	227	152 - >250
Monobind AccuLite CLIA (hCG-XR)	mIU/mL	4.98	3.33 - 6.62	17.3	11.6 - 22.9	177	119 - 235

BIO-RAD Lyphocheck® Immunoassay Plus Control, Levels 1, 2 and 3

MÉTODO (1)

	Unidades	Nivel 1 - 40431		Nivel 2 - 40432		Nivel 3 - 40433	
		Media	Rango	Media	Rango	Media	Rango
HORMONA ESTIMULANTE DEL FOLÍCULO (FSH) (2)							
Beckman Coulter IRMA (IM2125)	mUI/mL	5.00	3.75 - 6.25	13.9	10.4 - 17.4	27.0	20.3 - 33.8
Calbiotech ELISA	mUI/mL	3.58	2.39 - 4.77	10.7	7.11 - 14.2	19.2	12.8 - 25.6
DIALAB FSH	mUI/mL	10.1	6.85 - 13.4	30.9	27.1 - 34.7	46.3	41.0 - 51.6
DiaMetra ELISA	mUI/mL	7.73	5.41 - 10.1	24.1	16.9 - 31.3	52.4	36.7 - 68.2
DIAsource IRMA	mUI/mL	8.32	6.99 - 9.64	20.2	18.1 - 22.3	38.1	34.0 - 42.2
DRG ELISA (EIA-1288)	mUI/mL	7.43	4.08 - 10.8	20.7	11.4 - 30.0	38.9	21.4 - 56.5
Fortress Diagnostics	mUI/mL	5.71	4.85 - 6.57	22.1	18.8 - 25.4	42.9	36.4 - 49.3
HUMAN ELISA	mUI/mL	7.38	4.94 - 9.81	22.5	15.1 - 30.0	46.8	31.4 - 62.3
IBL ELISA	mUI/mL	7.43	4.08 - 10.8	20.7	11.4 - 30.0	38.9	21.4 - 56.5
Institute of Isotopes IRMA	mUI/mL	7.81	5.85 - 9.76	22.0	17.6 - 26.3	41.9	33.5 - 50.2
Monobind AccuBind ELISA	mUI/mL	7.38	4.94 - 9.81	22.5	15.1 - 30.0	46.8	31.4 - 62.3
Monobind AccuLite CLIA	mUI/mL	7.37	4.94 - 9.80	22.6	15.2 - 30.1	47.6	31.9 - 63.4
HORMONA ESTIMULANTE DEL TIROIDES (TSH) (2)							
Beckman Coulter IRMA (IM3712)	µUI/mL	0.430	0.280 - 0.580	6.39	4.79 - 7.99	38.1	28.6 - 47.7
BRAHMS Diagnostica RIA	µUI/mL	0.540	0.450 - 0.630	6.40	5.50 - 7.30	40.3	34.9 - 45.7
Calbiotech ELISA	µUI/mL	<0.500		3.06	2.04 - 4.08	25.4	16.9 - 33.8
Demeditec TSH1h	µUI/mL	▲		▲		▲	
DIALAB TSH	µUI/mL	0.320	0.090 - 0.540	4.39	3.78 - 4.99	>15.0	
DiaMetra ELISA	µUI/mL	0.350	0.210 - 0.480	5.03	3.52 - 6.54	>20.0	
DIAsource IRMA	µUI/mL	0.563	0.440 - 0.686	6.60	5.59 - 7.61	37.1	30.7 - 43.7
DRG ELISA (EIA-4171)	µUI/mL	0.380	0.210 - 0.550	4.86	3.16 - 6.56	>15.0	
EUROIMMUN IRMA CT	µUI/mL	§		§		§	
Fortress Diagnostics	µUI/mL	0.314	0.267 - 0.361	6.01	5.11 - 6.91	38.9	33.0 - 44.7
HUMAN ELISA	µUI/mL	0.271	0.149 - 0.393	4.92	3.20 - 6.64	29.1	18.9 - 39.2
IBL ELISA	µUI/mL	▲		▲		▲	
Institute of Isotopes IRMA (Turbo-hTSH)	µUI/mL	0.580	0.410 - 0.750	7.27	5.82 - 8.73	41.5	33.2 - 49.8
Monobind AccuBind ELISA	µUI/mL	0.480	0.320 - 0.640	6.19	4.15 - 8.23	37.1	24.8 - >40.0
Monobind AccuBind ELISA (Rapid TSH)	µUI/mL	0.490	0.330 - 0.650	5.53	3.71 - 7.35	32.9	22.0 - 43.7
Monobind AccuLite CLIA	µUI/mL	0.520	0.350 - 0.700	5.89	3.94 - 7.83	34.0	22.8 - >40.0
Monobind AccuLite CLIA (Rapid TSH)	µUI/mL	§		§		§	
HORMONA HUMANA DEL CRECIMIENTO (HGH) (2)							
Beckman Coulter IRMA (IM1397)	µUI/mL	10.0	7.49 - 12.5	28.8	21.6 - 36.0	55.6	41.7 - 69.4
Calbiotech ELISA	ng/mL	3.60	2.40 - 4.79	16.6	11.1 - 22.1	30.1	20.1 - >40.0
DiaMetra ELISA	µUI/mL	14.4	10.1 - 18.7	43.7	30.6 - 56.9	89.7	62.8 - 117
DIAsource IRMA	µUI/mL	6.90	5.90 - 7.86	19.4	15.1 - 23.7	38.3	29.3 - 47.4
Institute of Isotopes IRMA	µUI/mL	10.5	7.80 - 13.1	28.4	22.7 - 34.1	53.2	42.6 - 63.8
MEDIAGNOST ELISA	µUI/mL	10.2	8.20 - 12.2	30.5	24.4 - 36.6	56.7	45.4 - 68.1
Monobind AccuBind ELISA	µUI/mL	12.7	8.52 - 16.9	37.2	25.0 - 49.5	78.9	52.9 - 105
Monobind AccuLite CLIA	µUI/mL	14.2	9.48 - 18.8	43.1	28.8 - 57.3	80.6	54.0 - 107
HORMONA LUTEINIZANTE (LH) (2)							
Beckman Coulter IRMA (IM1381)	mUI/mL	1.40	0.980 - 1.81	17.4	13.0 - 21.7	62.0	46.5 - 77.5
Calbiotech ELISA	mUI/mL	1.37	0.910 - 1.82	15.7	10.5 - 20.9	45.4	30.2 - >50.0
DIALAB LH	mUI/mL	<2.00		15.8	11.1 - 20.5	46.9	32.9 - 60.9
DiaMetra ELISA	mUI/mL	0.840	0.590 - 1.10	16.8	11.8 - 21.9	69.6	48.7 - 90.5
DIAsource sp IRMA	mUI/mL	0.830	0.580 - 1.08	9.60	8.20 - 11.0	39.4	33.4 - 45.5
DRG Serum ELISA (EIA-1289)	mUI/mL	3.11	1.71 - 4.52	21.5	11.8 - 31.2	55.8	30.7 - 81.0
Fortress Diagnostics	mUI/mL	1.82	1.55 - 2.09	21.3	18.1 - 24.5	81.8	69.5 - 94.1
HUMAN ELISA	mUI/mL	1.93	1.29 - 2.57	23.7	15.9 - 31.5	79.8	53.5 - 106
IBL ELISA	mUI/mL	▲		▲		▲	
Institute of Isotopes IRMA	mUI/mL	1.35	0.950 - 1.76	15.7	12.5 - 18.8	58.3	46.6 - 69.9
Monobind AccuBind ELISA	mUI/mL	1.93	1.29 - 2.57	23.7	15.9 - 31.5	79.8	53.5 - 106
Monobind AccuLite CLIA	mUI/mL	<5.00		23.6	15.8 - 31.4	79.3	53.1 - 105
IGF-1/SOMATOMEDINA-C (2)							
Beckman Coulter IGF-1 IRMA (A15729)	ng/mL	99.3	64.5 - 134	111	72.0 - 149	90.9	59.1 - 123
MEDIAGNOST IGF-1 ELISA (IGFBP Blocked)	ng/mL	112	80.0 - 145	123	84.0 - 161	107	68.0 - 146

BIO-RAD Lyphocheck® Immunoassay Plus Control, Levels 1, 2 and 3

MÉTODO (1)

	Unidades	Nivel 1 - 40431		Nivel 2 - 40432		Nivel 3 - 40433	
		Media	Rango	Media	Rango	Media	Rango
IGF-1/SOMATOMEDINA-C (2) (continuación)							
MEDIAGNOST IGF-1 RIA (IGFBP Blocked)	ng/mL	112	80.0 - 145	123	84.0 - 161	107	68.0 - 146
INMUNOGLOBULINA E (IGE)							
Calbiotech ELISA (2)	UI/mL	386	258 - >400	103	68.5 - 137	127	84.4 - 169
DiaMetra ELISA (2)	UI/mL	>223		97.7	68.4 - 127	114	79.6 - 148
EUROIMMUN Total IgE ELISA (2)	UI/mL	▲		▲		▲	
ImmunoCAP total IgE	UI/mL	§		§		§	
Monobind AccuBind ELISA (2)	UI/mL	310	207 - >400	86.5	57.9 - 115	96.1	64.4 - 128
Monobind AccuLite CLIA (2)	UI/mL	315	211 - >400	82.9	55.5 - 110	93.8	62.9 - 125
INSULINA (2)							
Beckman Coulter IRMA (IM3210)	µUI/mL	17.4	13.1 - 21.8	63.7	47.8 - 79.7	193	145 - 242
Calbiotech ELISA	µUI/mL	16.4	10.9 - 21.8	57.6	38.4 - 76.9	>100	
Cias INSULIN II and BIO Majesty 1650	µUI/mL	18.4	14.7 - 22.1	62.0	52.7 - 71.3	>100	
DiaMetra ELISA	µUI/mL	22.2	15.5 - 28.8	72.6	50.8 - 94.3	196	135 - >200
DIAsource IRMA	µUI/mL	22.0	18.3 - 25.6	77.1	61.1 - 93.2	248	177 - 320
DRG ELISA (EIA-2935)	µUI/mL	20.7	11.4 - 30.0	83.9	46.1 - >100	>100	
Institute of Isotopes IRMA	µUI/mL	14.2	11.4 - 17.1	47.5	38.0 - 57.0	140	112 - 169
Monobind AccuBind ELISA	µUI/mL	12.9	8.67 - 17.2	49.9	33.4 - 66.3	151	101 - 201
Monobind AccuLite CLIA	µUI/mL	13.0	8.71 - 17.3	48.5	32.5 - 64.6	145	96.9 - 192
Sekisui Medical Norudia	µUI/mL	12.4	9.94 - 14.9	47.0	37.6 - 56.5	139	111 - >150
LIDOCAÍNA							
Emit	µg/mL	1.35	<1.00 - 1.70	3.90	2.98 - 4.82	7.42	5.71 - 9.12
PÉPTIDO C (2)							
Beckman Coulter IRMA (IM3639)	ng/mL	1.76	1.23 - 2.29	5.62	3.93 - 7.31	8.94	6.26 - 11.6
Calbiotech ELISA	ng/mL	0.740	0.490 - 0.980	3.67	2.45 - 4.90	6.48	4.32 - 8.64
DIAsource C-PEP II RIA CT	ng/mL	1.35	0.946 - 1.76	4.20	2.94 - 5.47	6.25	4.74 - 7.78
DRG ELISA (EIA-1293)	ng/mL	1.18	0.650 - 1.71	4.35	2.39 - 6.31	6.71	3.69 - 9.73
IBL ELISA	ng/mL	▲		▲		▲	
Institute of Isotopes IRMA	ng/mL	1.72	1.21 - 2.24	6.16	4.93 - 7.39	10.4	8.30 - 12.5
Monobind AccuBind ELISA	ng/mL	1.08	0.730 - 1.44	3.61	2.42 - 4.80	5.89	3.95 - 7.83
Monobind AccuLite CLIA	ng/mL	1.01	0.670 - 1.34	3.63	2.43 - 4.82	5.54	3.71 - 7.36
PRIMIDONA							
Emit	µg/mL	3.03	<2.50 - 3.79	5.55	4.43 - 6.67	12.4	10.3 - 14.5
PROGESTERONA (2)							
Beckman Coulter RIA (IM1188)	ng/mL	0.380	0.230 - 0.530	11.3	7.35 - 15.3	30.2	19.6 - 40.8
Diagnostics Biochem Canada ELISA	ng/mL	§		§		§	
DIALAB Progesterone	ng/mL	0.950	0.280 - 1.88	19.0	8.80 - 29.2	>42.0	
DiaMetra ELISA	ng/mL	<0.480		11.9	8.31 - 15.4	26.0	18.2 - 33.8
DIAsource RIA CT	ng/mL	1.41	0.990 - 1.83	14.8	11.0 - 18.7	36.0	25.2 - 46.8
DRG ELISA (EIA-1561)	ng/mL	0.680	0.370 - 0.980	7.64	4.20 - 11.1	39.7	21.9 - >40.0
HUMAN ELISA	ng/mL	0.820	0.450 - 1.19	12.6	6.94 - 18.3	>37.2	
IBL ELISA	ng/mL	0.680	0.370 - 0.980	7.64	4.20 - 11.1	39.7	21.9 - >40.0
Institute of Isotopes RIA	ng/mL	0.305	0.198 - 0.412	6.93	5.53 - 8.33	14.9	11.9 - 17.8
Monobind AccuBind ELISA	ng/mL	0.830	0.560 - 1.11	13.0	8.69 - 17.3	28.4	19.0 - 37.7
Monobind AccuLite CLIA	ng/mL	0.940	0.540 - 1.34	13.2	8.82 - 17.5	28.4	19.0 - 37.7
PROLACTINA (2)							
Beckman Coulter IRMA (IM2121)	ng/mL	5.09	3.82 - 6.36	13.8	10.4 - 17.3	28.7	21.5 - 35.8
Calbiotech ELISA	ng/mL	8.08	5.39 - 10.8	22.5	15.0 - 30.0	57.0	38.0 - 76.1
DIALAB Prolactin	ng/mL	6.73	4.33 - 9.74	19.5	13.9 - 25.1	40.7	30.6 - 50.8
DiaMetra ELISA	ng/mL	5.56	<5.00 - 7.23	17.3	11.5 - 23.1	32.3	22.6 - 42.0
DIAsource IRMA	ng/mL	2.85	1.99 - 3.70	9.14	6.86 - 11.4	17.2	13.6 - 20.9
DRG ELISA (EIA-1291)	ng/mL	6.41	3.53 - 9.29	14.4	7.92 - 20.9	29.4	16.2 - 42.6
Fortress Diagnostics	ng/mL	8.31	7.06 - 9.56	19.8	16.9 - 22.8	58.4	49.6 - 67.2
HUMAN ELISA	ng/mL	8.00	5.36 - 10.6	23.8	15.9 - 31.6	50.8	34.1 - 67.6
Institute of Isotopes IRMA	ng/mL	5.35	4.00 - 6.70	14.2	11.4 - 17.0	28.3	22.7 - 34.0
Monobind AccuBind ELISA	ng/mL	8.53	5.71 - 11.3	23.2	15.5 - 30.8	49.3	33.0 - 65.6

BIO-RAD Lyphocheck® Immunoassay Plus Control, Levels 1, 2 and 3

MÉTODO (1)

	Unidades	Nivel 1 - 40431		Nivel 2 - 40432		Nivel 3 - 40433	
		Media	Rango	Media	Rango	Media	Rango
PROLACTINA (2) (continuación)							
Monobind AccuLite CLIA	ng/mL	7.95	5.33 – 10.6	25.2	16.9 – 33.5	53.5	35.8 – 71.1
PSA (LIBRE) (2)							
Beckman Coulter IRMA (IM2520)	ng/mL	<0.320		1.35	1.02 – 1.69	9.59	7.19 – 12.0
DiaMetra ELISA	ng/mL	§		§		§	
HUMAN ELISA	ng/mL	0.510	0.340 – 0.670	2.43	1.51 – 3.34	>10.0	
IBL ELISA	ng/mL	▲		▲		▲	
Institute of Isotopes IRMA	ng/mL	0.700	0.490 – 0.910	3.11	2.33 – 3.89	20.4	16.3 – 24.4
Monobind AccuBind ELISA	ng/mL	0.510	0.340 – 0.670	2.43	1.51 – 3.34	>10.0	
Monobind AccuLite CLIA	ng/mL	0.510	0.340 – 0.670	2.65	1.77 – 3.52	>10.0	
PSA (TOTAL) (2)							
Beckman Coulter IRMA (IM1950)	ng/mL	<0.950		2.26	1.69 – 2.82	14.9	11.2 – 18.6
DIALAB PSA	ng/mL	0.580	0.470 – 0.690	2.75	2.36 – 3.14	17.9	14.3 – 21.5
DiaMetra ELISA	ng/mL	§		§		§	
DRG ELISA (EIA-3719)	ng/mL	0.790	0.430 – 1.15	3.54	2.30 – 4.78	23.2	15.1 – >25.0
Fortress Diagnostics	ng/mL	0.830	0.710 – 0.950	4.54	3.86 – 5.22	24.7	21.0 – 28.4
HUMAN ELISA	ng/mL	1.29	0.708 – 1.87	6.35	4.13 – 8.57	28.3	18.4 – 38.1
IBL ELISA	ng/mL	▲		▲		▲	
Institute of Isotopes IRMA	ng/mL	0.780	0.540 – 1.01	3.69	2.77 – 4.61	23.2	18.5 – 27.8
Monobind AccuBind ELISA	ng/mL	<2.00		4.84	3.25 – 6.44	29.1	19.5 – 38.6
Monobind AccuBind ELISA (tPSA-XS)	ng/mL	0.630	0.420 – 0.830	3.73	2.45 – 5.01	>25.0	
Monobind AccuLite CLIA	ng/mL	<2.00		4.55	3.05 – 6.05	28.8	19.3 – 38.2
Monobind AccuLite CLIA (tPSA-XS)	ng/mL	0.600	0.400 – 0.800	3.40	2.28 – 4.52	23.7	15.9 – >25.0
SALICILATO (2)							
Cambridge Life Sciences (K9001)	mg/dL	3.84	3.07 – 4.60	15.3	12.2 – 18.3	43.4	34.7 – 52.1
SEKURE (Sekisui Diagnostics)	mg/dL	<5.30		15.3	11.5 – 19.1	41.6	31.2 – 52.0
SUBUNIDAD BETA HCG (2)							
DiaMetra ELISA	mIU/mL	1.26	<1.00 – 1.64	10.4	7.29 – 13.6	276	193 – 358
DRG ELISA (EIA-1911)	mIU/mL	2.44	1.51 – 3.36	12.0	7.46 – 16.6	123	76.6 – 170
IBL ELISA	mIU/mL	▲		▲		▲	
T3 (CAPTACIÓN)/T (CAPTACIÓN) (2)							
Beckman Coulter RIA (A30282)	Captación %	39.5	27.7 – 51.4	43.4	30.4 – 56.5	43.9	30.8 – 57.1
Monobind AccuBind ELISA	Captación %	31.0	27.6 – 34.4	39.8	35.1 – 44.6	45.4	41.4 – 49.3
Monobind AccuLite CLIA	Captación %	30.6	27.6 – 33.7	37.7	31.8 – 43.6	45.2	41.9 – 48.6
T3 (LIBRE) (2)							
Beckman Coulter RIA (IM1579)	pg/mL	2.51	1.76 – 3.27	10.0	7.53 – 12.5	16.6	12.5 – 20.8
BRAHMS Diagnostica RIA SPART	pg/mL	3.64	2.99 – 4.29	17.3	12.7 – 21.9	29.7	24.5 – 34.8
Calbiotech ELISA	pg/mL	3.91	2.61 – 5.21	7.02	4.68 – 9.36	11.5	7.67 – 15.4
Demeditec Diagnostics RIA/CT (DE 06100)	pg/mL	▲		▲		▲	
DiaMetra ELISA	pg/mL	2.66	1.86 – 3.45	5.20	3.64 – 6.76	7.25	5.07 – 9.42
DRG International, Inc.	pg/mL	3.74	2.06 – 5.42	11.1	6.13 – 16.2	17.9	9.84 – >20.0
EUROIMMUN RIA CT	pg/mL	§		§		§	
Fortress Diagnostics	pg/mL	2.63	2.24 – 3.02	5.25	4.46 – 6.04	8.15	6.93 – 9.37
HUMAN ELISA	pg/mL	2.75	1.75 – 3.76	5.29	3.54 – 7.03	7.47	5.00 – 9.93
IBL ELISA	pg/mL	2.66	1.86 – 3.45	5.20	3.64 – 6.76	7.25	5.07 – 9.42
Monobind AccuBind ELISA	pg/mL	2.75	1.75 – 3.76	5.29	3.54 – 7.03	7.47	5.00 – 9.93
Monobind AccuLite CLIA	pg/mL	2.60	1.74 – 3.46	5.15	3.45 – 6.85	7.49	5.02 – 9.96
T3 (TOTAL) (2)							
Beckman Coulter RIA (IM1699)	ng/dL	72.1	53.9 – 90.3	163	122 – 204	263	197 – 329
BRAHMS Diagnostica RIA	ng/dL	72.1	53.9 – 90.3	163	122 – 204	263	197 – 329
Calbiotech ELISA	ng/dL	80.0	53.0 – 107	152	102 – 203	265	176 – 353
DIALAB T3	ng/mL	1.05	0.560 – 1.54	2.37	1.19 – 3.55	3.60	1.86 – 5.35
DiaMetra ELISA	ng/mL	1.11	0.780 – 1.45	2.62	1.83 – 3.40	3.81	2.67 – 4.95
DiAsource RIA CT	ng/dL	49.3	39.0 – 59.6	133	104 – 162	231	161 – 299
DRG ELISA (EIA-4569)	ng/dL	118	65.0 – 171	244	134 – 353	355	195 – 515
Fortress Diagnostics	ng/mL	1.13	0.960 – 1.30	3.31	2.81 – 3.81	5.84	4.96 – 6.72

BIO-RAD Lyphocheck® Immunoassay Plus Control, Levels 1, 2 and 3

MÉTODO (1)

	Unidades	Nivel 1 - 40431		Nivel 2 - 40432		Nivel 3 - 40433	
		Media	Rango	Media	Rango	Media	Rango
T3 (TOTAL) (2) (continuación)							
HUMAN ELISA	ng/dL	99.0	66.0 – 132	295	198 – 392	441	295 – 586
Institute of Isotopes RIA	ng/dL	108	70.1 – 145	201	151 – 251	292	234 – 351
Monobind AccuBind ELISA	ng/mL	0.990	0.660 – 1.32	2.95	1.98 – 3.92	4.41	2.95 – 5.86
Monobind AccuLite CLIA	ng/mL	1.10	0.690 – 1.51	3.15	2.11 – 4.19	4.90	3.28 – 6.51
T4 (LIBRE) (2)							
Beckman Coulter RIA (IM1363)	pg/mL	10.0	7.48 – 12.5	18.9	14.2 – 23.6	29.7	22.2 – 37.1
BRAHMS Diagnostica RIA	pg/mL	11.5	10.3 – 12.6	33.2	26.7 – 39.7	57.4	48.8 – 66.0
Calbiotech ELISA	ng/dL	1.01	0.680 – 1.35	2.43	1.62 – 3.25	3.73	2.48 – 4.97
Demeditec Diagnostics RIA/CT (DE 07100)	ng/dL	▲		▲		▲	
DIALAB FT4	ng/dL	1.05	0.870 – 1.22	2.05	1.32 – 2.78	2.90	2.34 – 3.45
DiaMetra ELISA	ng/dL	1.10	0.770 – 1.44	2.07	1.45 – 2.69	2.64	1.85 – 3.44
EUROIMMUN RIA CT	ng/dL	§		§		§	
Fortress Diagnostics	ng/dL	0.700	0.595 – 0.805	1.81	1.54 – 2.08	2.90	2.47 – 3.34
HUMAN ELISA	ng/dL	1.19	0.800 – 1.58	2.34	1.57 – 3.11	3.14	2.10 – 4.17
IBL ELISA	ng/dL	1.10	0.770 – 1.44	2.07	1.45 – 2.69	2.64	1.85 – 3.44
Institute of Isotopes RIA	ng/dL	1.25	0.938 – 1.56	3.15	2.52 – 3.78	4.61	3.69 – 5.53
Monobind AccuBind ELISA	ng/dL	1.19	0.800 – 1.58	2.34	1.57 – 3.11	3.14	2.10 – 4.17
Monobind AccuLite CLIA	ng/dL	1.18	0.790 – 1.57	2.37	1.59 – 3.15	3.07	2.05 – 4.08
T4 (TOTAL) (2)							
Beckman Coulter RIA (IM1447)	µg/dL	5.49	4.12 – 6.86	9.69	7.27 – 12.1	12.2	9.15 – 15.3
BRAHMS Diagnostica RIA	µg/dL	5.49	4.12 – 6.86	9.69	7.29 – 12.1	12.2	9.15 – 15.2
Calbiotech ELISA	µg/dL	5.53	3.68 – 7.37	9.87	6.58 – 13.2	12.3	8.22 – 16.4
DIALAB T4	µg/dL	4.92	3.98 – 5.86	10.9	9.55 – 12.2	15.2	12.1 – 18.2
DiaMetra ELISA	µg/dL	6.24	4.36 – 8.11	11.0	7.68 – 14.3	14.1	9.87 – 18.3
DIAsource RIA CT	µg/dL	4.57	3.20 – 5.95	7.44	6.43 – 8.37	8.99	7.52 – 10.5
DRG ELISA (EIA-4568)	µg/dL	5.07	2.79 – 7.36	10.4	5.71 – 15.0	14.7	8.06 – >19.4
Fortress Diagnostics	µg/dL	5.03	4.28 – 5.78	8.94	7.60 – 10.3	10.9	9.24 – 12.5
HUMAN ELISA	µg/dL	5.65	3.79 – 7.52	9.93	6.65 – 13.2	13.5	9.03 – 17.9
Institute of Isotopes RIA	µg/dL	4.92	3.69 – 6.15	9.26	7.40 – 11.1	11.8	9.47 – 14.2
Monobind AccuBind ELISA	µg/dL	5.65	3.79 – 7.52	9.93	6.65 – 13.2	13.5	9.03 – 17.9
Monobind AccuLite CLIA	µg/dL	5.48	3.67 – 7.28	9.40	6.30 – 12.5	12.2	8.19 – 16.3
TEOFILINA (2)							
Sekisui Medical Nanopia	µg/mL	4.25	2.55 – 5.95	16.7	11.7 – 21.7	30.0	24.0 – 36.0
TESTOSTERONA (2)							
Beckman Coulter RIA Direct (IM1119)	ng/mL	1.05	0.740 – 1.37	2.70	1.89 – 3.51	6.08	4.26 – 7.90
Beckman Coulter RIA Extraction (IM1087)	ng/mL	1.54	1.08 – 2.00	4.06	2.84 – 5.28	8.82	5.29 – 12.4
Calbiotech ELISA	ng/mL	1.79	1.19 – 2.38	4.93	3.29 – 6.58	11.1	7.38 – 14.8
DIALAB Testosterone	ng/mL	▲		▲		▲	
DiaMetra ELISA	ng/mL	<1.48		4.18	2.79 – 5.57	9.77	6.84 – 12.7
DIAsource RIA CT	ng/mL	0.810	0.630 – 1.00	2.38	1.81 – 2.94	4.72	3.43 – 6.00
DRG ELISA (EIA-1559)	ng/mL	1.63	0.940 – 2.31	4.40	2.55 – 6.25	9.13	5.30 – 13.0
Fortress Diagnostics	ng/mL	1.86	1.58 – 2.14	3.99	3.39 – 4.59	8.39	7.13 – 9.65
HUMAN ELISA	ng/mL	1.72	0.990 – 2.44	5.03	2.91 – 7.14	11.3	6.53 – 16.0
IBL ELISA	ng/mL	1.15	0.920 – 1.38	3.11	2.49 – 3.73	6.89	5.51 – 8.27
Institute of Isotopes RIA	ng/mL	0.539	0.323 – 0.755	2.48	1.86 – 3.10	6.21	4.97 – 7.45
Monobind AccuBind ELISA	ng/mL	0.970	0.650 – 1.29	3.16	2.12 – 4.21	6.60	4.42 – 8.78
Monobind AccuLite CLIA	ng/mL	0.850	0.530 – 1.17	3.08	2.06 – 4.09	7.64	5.12 – 10.2
TESTOSTERONA (LIBRE) (2)							
Beckman Coulter RIA (DSL4900)	pg/mL	2.88	1.87 – 3.89	10.9	7.09 – 14.7	27.9	19.5 – 36.3
Calbiotech ELISA	pg/mL	5.05	3.37 – 6.74	20.4	13.6 – 27.3	43.0	28.6 – 57.3
DiaMetra ELISA	pg/mL	2.26	1.58 – 2.94	9.23	6.46 – 12.0	22.9	16.0 – 29.8
DIAsource RIA CT	pg/mL	2.35	1.65 – 3.06	9.25	6.57 – 11.9	17.0	12.8 – 21.3
IBL ELISA	pg/mL	3.40	2.72 – 4.08	12.6	10.1 – 15.2	32.4	26.0 – 38.9
IBL ELISA (Gen. II)	pg/mL	2.26	1.58 – 2.94	9.23	6.46 – 12.0	22.9	16.0 – 29.8
Monobind AccuBind ELISA	pg/mL	2.59	1.72 – 3.47	12.7	8.54 – 17.0	30.9	17.3 – 44.5

BIO-RAD Lyphocheck® Immunoassay Plus Control, Levels 1, 2 and 3

MÉTODO (1)

	Unidades	Nivel 1 - 40431		Nivel 2 - 40432		Nivel 3 - 40433	
		Media	Rango	Media	Rango	Media	Rango
TESTOSTERONA (LIBRE) (2) (continuación)							
Monobind AccuLite CLIA	pg/mL	2.97	1.99 – 3.95	13.2	8.84 – 17.5	31.6	21.2 – 42.0
VANCOMICINA (2)							
Sekisui Medical Nanopia	µg/mL	6.73	4.04 – 9.43	18.3	12.8 – 23.8	36.2	29.0 – 43.5
VITAMINA B12 (2)							
Monobind AccuBind ELISA	pg/mL	349	234 – 465	577	387 – 768	823	551 – 1094
Monobind AccuLite CLIA	pg/mL	372	249 – 495	578	387 – 769	793	531 – 1055

BIO-RAD Lyphocheck® Immunoassay Plus Control, Levels 1, 2 and 3

INSTRUMENTO (1)

	Unidades	Nivel 1 - 40431		Nivel 2 - 40432		Nivel 3 - 40433	
		Media	Rango	Media	Rango	Media	Rango
Abbott Alinity c Analyzer							
Acetaminofeno	µg/mL	10.2	7.29 - 13.0	34.0	27.1 - 40.8	112	92.6 - 132
Ácido valpróico	µg/mL	31.6	24.0 - 39.3	76.0	64.9 - 87.2	110	96.3 - 124
Amikacina	µg/mL	4.00	3.00 - 5.00	12.0	9.52 - 14.5	23.0	18.4 - 27.6
Carbamacepina	µg/mL	<1.90		7.38	6.16 - 8.60	10.9	9.36 - 12.4
Digoxina	ng/mL	0.615	0.419 - 0.811	1.80	1.32 - 2.28	3.04	2.27 - 3.81
Fenitoína	µg/mL	6.00	4.73 - 7.27	12.3	10.2 - 14.5	22.7	18.8 - 26.5
Fenobarbital	µg/mL	6.63	4.29 - 8.96	19.1	14.5 - 23.7	42.4	32.3 - 52.4
Gentamicina	µg/mL	2.15	1.43 - 2.87	4.43	3.56 - 5.31	6.92	5.84 - 7.99
Litio	mmol/L	0.438	0.279 - 0.598	1.16	0.962 - 1.35	1.76	1.54 - 1.99
Salicilato	mg/dL	<5.00		15.1	12.1 - 18.0	42.6	35.4 - 49.7
Teofilina	µg/mL	3.58	2.64 - 4.53	13.3	10.1 - 16.4	25.2	19.2 - 31.2
Tobramicina	µg/mL	0.685	0.492 - 0.879	2.51	2.15 - 2.86	5.34	4.73 - 5.95
Vancomicina	µg/mL	7.11	5.63 - 8.59	18.0	15.2 - 20.9	35.1	30.0 - 40.1
Abbott Alinity i Analyzer							
AFP	ng/mL	15.4	13.2 - 17.6	95.0	81.7 - 108	205	176 - 233
CEA	ng/mL	2.33	1.82 - 2.84	20.2	17.5 - 22.8	40.5	35.3 - 45.6
Cortisol	µg/dL	2.96	2.17 - 3.74	16.4	13.9 - 18.8	25.0	21.5 - 28.4
Dehidroepiandrosterona sulfato (DHEA Sulfato)	µg/dL	77.5	65.7 - 89.3	177	153 - 201	625	544 - 707
Estradiol	pg/mL	88.6	65.1 - 112	200	168 - 232	316	275 - 356
Ferritina	ng/mL	73.0	61.8 - 84.2	257	209 - 305	674	541 - 806
Folato	ng/mL	4.38	2.23 - 6.52	10.0	6.57 - 13.4	18.1	12.8 - >20.0
hCG	mIU/mL	5.88	4.02 - 7.75	24.8	20.3 - 29.3	237	203 - 271
Hormona estimulante del folículo (FSH)	mIU/mL	7.25	6.29 - 8.22	20.6	17.9 - 23.4	40.2	34.7 - 45.7
Hormona estimulante de la tiroides (TSH)	µIU/mL	0.363	0.291 - 0.434	4.82	4.16 - 5.47	27.4	23.6 - 31.1
Hormona luteinizante (LH)	mIU/mL	1.09	0.947 - 1.22	12.8	11.0 - 14.5	46.9	40.5 - 53.4
Insulina	µIU/mL	12.5	10.6 - 14.4	47.1	41.2 - 53.0	149	131 - 166
Péptido C	ng/mL	1.50	1.13 - 1.86	5.02	4.05 - 5.98	8.10	6.60 - 9.59
Progesterona	ng/mL	0.507	<0.500 - 0.709	8.93	7.07 - 10.8	22.1	17.7 - 26.6
Prolactina	ng/mL	7.48	6.36 - 8.60	20.8	17.4 - 24.1	42.6	35.5 - 49.7
PSA (libre)	ng/mL	0.399	0.296 - 0.502	2.10	1.67 - 2.53	13.4	10.8 - 16.0
PSA (total)	ng/mL	0.508	0.391 - 0.625	2.72	2.20 - 3.23	16.2	13.1 - 19.2
T3 (Captación)/T (Captación)	Unidad de captación de T	0.893	0.758 - 1.03	0.780	0.615 - 0.945	0.802	0.640 - 0.963
T3 (libre)	pg/mL	2.78	2.11 - 3.45	8.12	6.51 - 9.72	14.4	12.0 - 16.8
T3 (total)	ng/mL	§		§		§	
T4 (libre)	ng/dL	0.840	0.719 - 0.961	1.97	1.54 - 2.40	3.06	2.29 - 3.83
T4 (total)	µg/dL	5.90	5.10 - 6.70	10.4	8.88 - 11.9	13.4	11.4 - 15.4
Testosterona	ng/dL	176	129 - 224	365	281 - 448	794	629 - 960
Vitamina B12	pg/mL	353	255 - 451	557	427 - 686	786	620 - 951
ABBOTT ARCHITECT cSYSTEMS							
Acetaminofeno (MULTIGENT)	µg/mL	9.82	6.96 - 12.7	34.5	27.6 - 41.5	115	94.8 - 134
Ácido valpróico (MULTIGENT)	µg/mL	30.7	24.4 - 37.0	74.8	63.3 - 86.3	108	92.9 - 124
Carbamacepina (5P05-21)	µg/mL	<1.90		7.53	6.13 - 8.94	11.2	9.26 - 13.2
Digoxina (MULTIGENT)	ng/mL	0.686	0.485 - 0.886	2.05	1.73 - 2.36	3.44	3.01 - 3.88
Fenitoína (5P08-21)	µg/mL	7.30	5.80 - 8.81	14.8	11.7 - 17.9	26.4	20.8 - 32.1
Fenobarbital (5P07-21)	µg/mL	§		§		§	
Gentamicina (MULTIGENT)	µg/mL	2.51	1.94 - 3.07	5.18	4.40 - 5.97	7.65	6.67 - 8.63
Hierro	µg/dL	120	106 - 134	80.3	68.6 - 91.9	81.5	69.8 - 93.2
Inmunoglobulina A (IgA)	mg/dL	171	142 - 201	149	125 - 173	149	125 - 174
Inmunoglobulina E (IgE) (MULTIGENT)	UI/mL	§		§		§	
Inmunoglobulina G (IgG)	mg/dL	873	688 - 1059	751	591 - 911	744	585 - 903
Inmunoglobulina M (IgM)	mg/dL	66.5	50.6 - 82.4	61.9	46.4 - 77.3	58.4	43.3 - 73.5
Litio (MULTIGENT)	mEq/L	0.467	0.369 - 0.565	1.22	1.06 - 1.37	1.84	1.64 - 2.04
Salicilato (MULTIGENT)	mg/dL	<5.00		15.5	13.0 - 18.0	43.6	39.0 - 48.2
Teofilina (5P06-21)	µg/mL	4.31	3.50 - 5.13	15.6	12.9 - 18.2	29.0	23.9 - 34.0

BIO-RAD Lyphocheck® Immunoassay Plus Control, Levels 1, 2 and 3

INSTRUMENTO (1)

	Unidades	Nivel 1 - 40431		Nivel 2 - 40432		Nivel 3 - 40433	
		Media	Rango	Media	Rango	Media	Rango
ABBOTT ARCHITECT cSYSTEMS (continuación)							
Tobramicina (MULTIGENT)	µg/mL	0.712	0.510 – 0.913	2.56	2.20 – 2.92	5.40	4.80 – 6.00
Vancomicina (MULTIGENT)	µg/mL	7.11	5.60 – 8.62	18.4	15.4 – 21.4	34.8	29.7 – 39.9
ABBOTT ARCHITECT iSYSTEMS							
Ácido valpróico	µg/mL	29.6	23.4 – 35.8	72.4	58.5 – 86.2	105	85.5 – 125
AFP	ng/mL	16.1	13.1 – 19.0	95.3	82.5 – 108	205	179 – 232
Carbamacepina (1P36-25)	µg/mL	§		§		§	
Carbamacepina (1P36-27)	µg/mL	§		§		§	
CEA	ng/mL	2.31	1.64 – 2.98	21.2	17.5 – 25.0	42.2	35.1 – 49.3
Cortisol	µg/dL	2.64	1.92 – 3.35	16.0	13.4 – 18.6	23.9	20.3 – 27.6
Dehidroepiandrosterona sulfato (DHEA Sulfato)	µg/dL	73.1	61.7 – 84.6	174	145 – 204	624	514 – 734
Digoxina	ng/mL	0.563	0.414 – 0.713	1.77	1.51 – 2.04	3.04	2.66 – 3.43
Estradiol	pg/mL	86.1	67.1 – 105	211	182 – 240	335	296 – 374
Fenitoína	µg/mL	6.65	5.62 – 7.68	13.6	11.3 – 15.8	24.1	20.0 – 28.3
Fenobarbital	µg/mL	9.66	7.80 – 11.5	24.4	20.2 – 28.6	49.0	40.8 – 57.1
Ferritina	ng/mL	76.3	60.2 – 92.5	276	212 – 339	695	533 – 857
Folato	ng/mL	4.74	3.04 – 6.44	11.2	7.98 – 14.5		14.8 – >20.0
Gentamicina	µg/mL	2.24	1.90 – 2.58	4.86	4.00 – 5.71	7.88	6.43 – 9.33
hCG	mUI/mL	5.45	3.33 – 7.58	22.6	17.9 – 27.3	222	187 – 257
Hormona estimulante del folículo (FSH)	mUI/mL	7.20	6.01 – 8.39	21.1	17.6 – 24.7	40.3	33.5 – 47.0
Hormona estimulante de la tiroides (TSH)	µUI/mL	0.387	0.247 – 0.527	4.94	4.15 – 5.72	29.2	25.0 – 33.4
Hormona luteinizante (LH)	mUI/mL	1.17	0.925 – 1.41	14.0	11.1 – 16.8	50.3	40.1 – 60.4
Insulina	µUI/mL	14.0	11.9 – 16.1	49.9	43.7 – 56.1	157	139 – 175
Péptido C	ng/mL	1.55	1.12 – 1.98	5.33	4.22 – 6.43	8.37	6.73 – 10.0
Progesterona	ng/mL	0.655	0.478 – 0.832	10.3	7.95 – 12.6	26.1	20.2 – 32.0
Prolactina	ng/mL	7.61	6.08 – 9.13	20.3	16.4 – 24.2	41.3	33.5 – 49.1
PSA (libre)	ng/mL	0.370	0.324 – 0.415	1.92	1.57 – 2.27	13.4	10.8 – 16.0
PSA (total)	ng/mL	0.476	0.342 – 0.610	2.55	2.04 – 3.06	16.8	13.7 – 20.0
T3 (Captación)/T (Captación)	Unidad de captación de T	0.852	0.691 – 1.01	0.723	0.586 – 0.860	0.728	0.591 – 0.865
T3 (libre)	pg/mL	2.67	1.99 – 3.36	7.68	5.90 – 9.45	15.1	12.1 – 18.2
T3 (total)	ng/mL	0.837	0.650 – 1.02	2.20	1.79 – 2.61	3.46	2.90 – 4.02
T4 (libre)	ng/dL	0.919	0.803 – 1.03	2.14	1.62 – 2.66	3.26	2.35 – 4.17
T4 (total)	µg/dL	5.95	4.80 – 7.11	11.0	8.67 – 13.4	14.3	11.2 – 17.4
Teofilina	µg/mL	4.48	3.67 – 5.30	14.7	11.7 – 17.7	28.4	22.4 – 34.4
Testosterona	ng/dL	170	124 – 216	366	284 – 449	768	609 – 926
Vancomicina (1P30-27)	µg/mL	▲		▲		▲	
Vancomicina (1P30-28)	µg/mL	7.69	6.37 – 9.01	20.8	17.3 – 24.3	39.4	32.8 – 45.9
Vitamina B12	pg/mL	338	243 – 432	539	399 – 679	760	570 – 949
Aikang CLIA-Mate Series (2)							
Hormona estimulante de la tiroides (TSH)	µUI/mL	0.482	0.162 – 0.802	6.73	3.06 – 10.4	34.5	17.6 – 51.4
Progesterona (II)	ng/mL	0.550	<0.201 – 0.959	7.80	4.81 – 10.8	19.8	13.6 – 26.0
Prolactina	µUI/mL	201	114 – 288	497	293 – 701	1167	704 – 1635
T3 (libre)	pg/mL	1.86	0.792 – 2.92	6.34	4.56 – 8.12	12.3	8.18 – 16.6
T4 (libre)	ng/dL	1.09	0.798 – 1.39	2.64	2.18 – 3.11	4.11	3.19 – 5.04
Autobio Autolumo Series (2)							
17-Alfa Hidroxiprogesterona (CLIA)	ng/mL	0.630	0.440 – 0.820	1.94	1.36 – 2.53	6.16	4.31 – 8.00
ACTH (CLIA)	pg/mL	30.3	21.2 – 39.4	121	84.4 – 157	292	204 – 379
AFP (CLIA)	ng/mL	18.5	12.9 – 24.0	95.2	66.6 – 124	204	143 – 265
Aldosterona (CLIA)	pg/mL	143	99.8 – 185	287	201 – 373	810	567 – >1000
Calcitonina (CLIA)	pg/mL	39.7	27.8 – 51.6	199	139 – 259	386	270 – 502
CEA (CLIA)	ng/mL	2.34	1.64 – 3.04	23.2	16.2 – 30.1	43.4	30.4 – 56.5
Cortisol (CLIA)	µg/dL	3.51	2.46 – 4.57	21.4	15.0 – 27.8	39.5	27.6 – 51.3
Dehidroepiandrosterona sulfato (DHEA Sulfato) (DHEA-S) (CLIA)	µg/dL	102	71.4 – 133	229	160 – 297	881	616 – >1000
Estradiol (CLIA)	pg/mL	104	73.0 – 136	353	247 – 459	778	544 – 1011
Ferritina (CLIA)	ng/mL	98.0	68.6 – 127	382	268 – 497	949	664 – >1000

BIO-RAD Lyphocheck® Immunoassay Plus Control, Levels 1, 2 and 3

INSTRUMENTO (1)

	Unidades	Nivel 1 - 40431		Nivel 2 - 40432		Nivel 3 - 40433	
		Media	Rango	Media	Rango	Media	Rango
Autobio Autolumo Series (2) (continuación)							
Folato (CLIA)	ng/mL	2.31	1.62 – 3.00	4.55	3.19 – 5.92	6.96	4.87 – 9.05
hCG (CLIA)	mUI/mL	5.29	3.70 – 6.88	22.1	15.5 – 28.7	236	165 – 307
Hormona estimulante del foliculo (FSH) (CLIA)	mUI/mL	10.3	7.17 – 13.3	25.8	18.0 – 33.5	43.4	30.4 – 56.5
Hormona estimulante del tiroides (TSH) (CLIA)	µUI/mL	0.490	0.340 – 0.630	6.05	4.24 – 7.87	35.2	24.6 – 45.7
Hormona Humana del Crecimiento (hGH) (CLIA)	ng/mL	4.08	2.86 – 5.31	11.1	7.75 – 14.4	20.1	14.1 – 26.2
Hormona luteinizante (LH) (CLIA)	mUI/mL	1.74	1.22 – 2.26	23.6	16.5 – 30.7	85.0	59.5 – 111
Inmunoglobulina E (IgE) (CLIA)	UI/mL	360	252 – 467	105	73.5 – 136	113	78.8 – 146
Insulina (CLIA)	µUI/mL	18.5	12.9 – 24.0	67.1	47.0 – 87.3	192	135 – 250
Péptido C (CLIA)	ng/mL	2.02	1.41 – 2.62	6.68	4.67 – 8.68	10.3	7.20 – 13.4
Progesterona (CLIA)	ng/mL	0.400	0.280 – 0.520	13.2	9.24 – 17.2	29.0	20.3 – 37.7
Prolactina (CLIA)	µUI/mL	243	170 – 315	652	457 – 848	1348	944 – 1752
PSA (libre) (CLIA)	ng/mL	0.380	0.270 – 0.500	2.20	1.54 – 2.86	15.1	10.6 – 19.6
PSA (total) (CLIA)	ng/mL	0.650	0.460 – 0.850	3.01	2.11 – 3.92	21.1	14.8 – 27.4
T3 (libre) (CLIA)	pg/mL	2.82	1.97 – 3.66	8.87	6.21 – 11.5	20.3	14.2 – 26.4
T3 (total) (CLIA)	ng/mL	0.910	0.640 – 1.18	2.27	1.59 – 2.95	3.55	2.48 – 4.61
T4 (total) (CLIA)	µg/dL	6.66	4.66 – 8.66	12.4	8.71 – 16.2	16.9	11.9 – 22.0
Testosterona (CLIA)	ng/mL	1.41	0.990 – 1.84	4.47	3.13 – 5.81	11.9	8.34 – >15.0
Vitamina B12 (CLIA)	pg/mL	367	257 – 478	634	444 – 824	868	607 – 1128
Vitamina D 25-hidróxido (CLIA)	ng/mL	22.2	15.6 – 28.9	27.0	18.9 – 35.2	26.1	18.2 – 33.9
BECKMAN COULTER ACCESS / 2 / 2i							
AFP	ng/mL	17.2	12.4 – 22.0	101	75.4 – 127	220	165 – 275
CEA (CEA2)	ng/mL	2.14	1.65 – 2.63	20.6	16.7 – 24.6	40.3	32.6 – 48.0
Cortisol	µg/dL	3.03	1.99 – 4.07	19.8	15.2 – 24.3	31.3	24.3 – 38.3
Digoxina	ng/mL	0.823	0.602 – 1.04	2.17	1.75 – 2.59	3.55	2.92 – 4.17
Estradiol	pg/mL	109	55.4 – 163	351	244 – 459	649	474 – 823
Estradiol (Sensitive)	pg/mL	96.9	43.6 – 150	254	167 – 342	408	288 – 529
Estriol (libre) (Unconjugated Estriol)	ng/mL	1.37	0.934 – 1.80	4.00	3.09 – 4.90	>6.90	
Estriol (libre) (Unconjugated Estriol) (C22255) (2)	ng/mL	2.51	2.06 – 2.97	7.07	5.80 – 8.35	>9.51	
Ferritina	ng/mL	50.1	39.4 – 60.8	142	111 – 173	342	265 – 418
Folato (FOLW)	ng/mL	4.01	3.00 – 5.02	8.88	6.92 – 10.8	15.4	12.2 – 18.6
hCG (Total βhCG) (5th IS)	mUI/mL	6.39	5.06 – 7.71	25.9	21.3 – 30.4	247	206 – 287
Hormona estimulante del foliculo (FSH) (hFSH)	mUI/mL	9.34	7.04 – 11.6	27.2	20.7 – 33.7	47.8	36.4 – 59.3
Hormona estimulante del tiroides (TSH) (3rd IS)	µUI/mL	0.430	0.346 – 0.515	5.74	4.48 – 6.99	32.6	25.4 – 39.8
Hormona estimulante del tiroides (TSH) (hTSH, HYPERsensitive)	µUI/mL	§		§		§	
Hormona luteinizante (LH) (hLH)	mUI/mL	1.23	0.864 – 1.60	15.7	12.1 – 19.2	59.5	46.3 – 72.7
Insulina (Ultrasensitive Insulin)	µUI/mL	15.3	12.2 – 18.3	54.8	45.1 – 64.5	170	141 – 199
Péptido C (2)	ng/mL	1.22	0.850 – 1.59	3.89	2.72 – 5.06	6.38	4.47 – 8.29
Progesterona	ng/mL	0.637	0.409 – 0.864	11.1	8.79 – 13.3	27.1	21.7 – 32.5
Progesterona (II) (2)	ng/mL	0.470	0.310 – 0.630	9.64	8.10 – 11.2	22.8	19.2 – 26.4
Progesterona (P4DE)	ng/mL	0.381	0.234 – 0.530	8.83	6.83 – 10.8	23.6	18.4 – 28.8
Progesterona (UniCel Dxl 9000) (II) (2)	ng/mL	0.490	0.330 – 0.650	9.77	8.21 – 11.3	22.5	18.9 – 26.1
Prolactina	ng/mL	6.20	5.02 – 7.38	17.4	14.2 – 20.5	35.1	28.8 – 41.3
Prolactina (338754 and above) (2)	ng/mL	7.28	5.83 – 8.74	19.4	15.5 – 23.3	38.3	30.6 – 45.9
Prolactina (UniCel Dxl 9000) (338754 and above) (2)	ng/mL	6.81	5.45 – 8.17	18.5	14.8 – 22.1	36.4	29.1 – 43.7
PSA (libre) (Hybritech free PSA)	ng/mL	0.464	0.379 – 0.548	2.18	1.79 – 2.56	14.5	12.0 – 17.1
PSA (libre) (WHO 96/668)	ng/mL	0.365	0.298 – 0.431	1.77	1.41 – 2.08	11.5	9.50 – 13.5
PSA (total) (Hybritech PSA)	ng/mL	0.719	0.575 – 0.863	3.34	2.77 – 3.92	22.5	18.8 – 26.2
PSA (total) (WHO 96/670)	ng/mL	0.608	0.486 – 0.729	2.60	2.16 – 3.05	17.5	14.6 – 20.4
T3 (Captación)/T (Captación)	Captación %	46.1	37.4 – 54.7	53.3	43.5 – 63.0	57.7	47.4 – 68.0
T3 (libre) (Free T3)	pg/mL	2.78	2.11 – 3.45	6.95	5.49 – 8.41	10.6	8.43 – 12.7
T3 (total) (Total T3)	ng/mL	0.990	0.703 – 1.28	2.16	1.69 – 2.64	3.45	2.77 – 4.13
T4 (libre) (Free T4)	ng/dL	1.09	0.874 – 1.30	2.86	2.33 – 3.39	4.04	3.30 – 4.79
T4 (total) (Total T4)	µg/dL	6.10	4.32 – 7.89	11.5	8.62 – 14.3	15.1	11.5 – 18.7
Testosterona	ng/mL	1.19	0.911 – 1.47	3.93	3.16 – 4.69	8.30	6.76 – 9.83
Vitamina B12	pg/mL	267	201 – 332	459	350 – 569	687	525 – 848

BIO-RAD Lyphocheck® Immunoassay Plus Control, Levels 1, 2 and 3

INSTRUMENTO (1)

	Unidades	Nivel 1 - 40431		Nivel 2 - 40432		Nivel 3 - 40433	
		Media	Rango	Media	Rango	Media	Rango
BECKMAN COULTER ACCESS / 2 / 2i (continuación)							
Vitamina B12 (II) (Ref D06116) (2)	pg/mL	381	295 - 466	631	488 - 773	926	717 - 1140
BECKMAN COULTER AU SYSTEMS							
Acetaminofeno	µg/mL	11.1	<10.0 - 14.1	34.6	27.6 - 41.5	121	101 - 141
Acetaminofeno (Enzymatic Paracetamol, Europe)	µg/mL	<15.0		32.9	26.6 - 39.2	120	96.9 - 144
Ácido valpróico	µg/mL	35.8	27.3 - 44.4	83.7	68.6 - 98.8	118	97.7 - 137
Carbamacepina	µg/mL	2.63	<2.00 - 3.53	8.20	6.19 - 10.2	13.6	10.5 - 16.6
Digoxin (Europe)	ng/mL	§		§		§	
Digoxina	ng/mL	0.706	0.434 - 0.979	2.04	1.51 - 2.57	3.50	2.72 - 4.28
Fenitoína	µg/mL	6.63	4.82 - 8.44	13.6	9.73 - 17.4	26.0	18.6 - 33.3
Fenobarbital	µg/mL	9.10	6.78 - 11.4	24.2	19.0 - 29.4	48.3	38.5 - 58.1
Ferritina	ng/mL	70.0	53.5 - 86.5	150	127 - 172	306	271 - 342
Gentamicina	µg/mL	2.42	1.85 - 2.98	4.90	3.78 - 6.02	8.20	6.35 - 10.0
Inmunoglobulina A (IgA)	mg/dL	175	149 - 201	153	129 - 178	153	128 - 177
Inmunoglobulina E (IgE) (Biomed)	UI/mL	335	293 - 377	89.1	70.4 - 108	102	82.3 - 122
Inmunoglobulina G (IgG)	mg/dL	814	678 - 950	712	597 - 827	703	589 - 816
Inmunoglobulina M (IgM)	mg/dL	67.0	50.3 - 83.7	61.2	45.6 - 76.7	57.0	42.2 - 71.8
Litio	mEq/L	0.468	0.313 - 0.622	1.18	0.977 - 1.38	1.77	1.53 - 2.01
Salicilato	mg/dL	3.88	2.65 - 5.11	15.3	12.4 - 18.3	43.0	35.8 - 50.2
T4 (total) (DRI)	µg/dL	6.48	5.15 - 7.81	11.8	10.1 - 13.4	13.4	11.6 - 15.1
Teofilina	µg/mL	4.47	3.51 - 5.43	15.2	10.8 - 19.6	29.6	20.6 - 38.5
Tobramicina	µg/mL	0.940	0.664 - 1.22	2.66	2.23 - 3.09	5.84	5.11 - 6.57
Vancomicina	µg/mL	6.15	4.00 - 8.30	15.1	11.7 - 18.5	27.6	22.3 - 32.8
BECKMAN COULTER SYNCHRON / UniCel DxS SERIES							
Acetaminofeno	µg/mL	13.5	<10.0 - 19.5	38.1	29.7 - 46.5	121	104 - 138
Ácido valpróico	µg/mL	32.0	18.7 - 45.3	80.8	65.3 - 96.2	109	91.9 - 125
Carbamacepina	µg/mL	2.08	<2.00 - 2.74	7.23	5.93 - 8.54	12.2	10.3 - 14.1
Digoxina	ng/mL	0.782	0.392 - 1.17	2.12	1.60 - 2.64	3.67	3.02 - 4.32
Fenitoína	µg/mL	7.09	5.94 - 8.24	14.1	11.9 - 16.3	23.7	20.1 - 27.2
Fenobarbital	µg/mL	8.81	6.84 - 10.8	23.8	19.7 - 28.0	45.9	38.5 - 53.3
Gentamicina	µg/mL	▲		▲		▲	
Hierro	µg/dL	114	97.2 - 131	75.2	58.6 - 91.8	76.0	59.4 - 92.6
Litio (Infinity)	mEq/L	0.435	0.280 - 0.590	1.25	1.04 - 1.45	1.86	1.61 - 2.11
Salicylate	mg/dL		<4.00 - 6.03	16.2	13.7 - 18.8	44.6	39.8 - 49.3
Teofilina	µg/mL	4.12	3.46 - 4.78	14.6	12.6 - 16.5	27.1	23.5 - 30.6
Tobramicina	µg/mL	1.08	0.619 - 1.55	3.70	3.07 - 4.33	7.25	6.37 - 8.13
Vancomicina	µg/mL	6.45	4.46 - 8.44	17.7	14.3 - 21.1	36.5	30.6 - >40.0
BECKMAN COULTER UniCel Dxl							
AFP	ng/mL	17.7	12.9 - 22.4	97.6	71.8 - 123	208	153 - 263
CEA (CEA2)	ng/mL	2.13	1.60 - 2.66	21.7	16.5 - 26.9	43.5	33.1 - 53.8
Cortisol	µg/dL	2.62	1.65 - 3.59	18.3	13.9 - 22.6	28.3	21.7 - 34.8
Dehidroepiandrosterona sulfato (DHEA Sulfato) (DHEA-S)	µg/dL	65.2	47.4 - 82.9	149	111 - 187	471	354 - 588
Digoxina	ng/mL	0.823	0.602 - 1.04	2.17	1.75 - 2.59	3.55	2.92 - 4.17
Estradiol (Sensitive)	pg/mL	96.3	49.5 - 143	242	155 - 329	385	258 - 512
Estriol (libre) (Unconjugated Estriol)	ng/mL	1.37	0.934 - 1.80	4.00	3.09 - 4.90	>6.90	
Estriol (libre) (Unconjugated Estriol) (C22255) (2)	ng/mL	2.81	2.30 - 3.31	7.68	6.30 - 9.06	>9.51	
Ferritina	ng/mL	51.6	39.8 - 63.4	159	120 - 198	375	284 - 466
Folato (FOLW)	ng/mL	4.26	3.19 - 5.33	10.1	7.88 - 12.2	17.5	13.9 - 21.1
hCG (Total βhCG) (5th IS)	mIU/mL	6.45	5.09 - 7.80	25.7	20.7 - 30.6	245	199 - 290
Hormona estimulante del folículo (FSH) (hFSH)	mIU/mL	9.34	7.04 - 11.6	27.2	20.7 - 33.7	47.8	36.4 - 59.3
Hormona estimulante del tiroides (TSH) (3rd IS)	µIU/mL	0.425	0.360 - 0.489	5.67	4.31 - 7.03	31.9	24.0 - 39.8
Hormona estimulante del tiroides (TSH) (hTSH, HYPERsensitive)	µIU/mL	0.452	0.385 - 0.518	6.35	4.82 - 7.87	35.0	26.3 - 43.6
Hormona luteinizante (LH) (hLH)	mIU/mL	1.23	0.864 - 1.60	15.7	12.1 - 19.2	59.5	46.3 - 72.7
Insulina (Ultrasensitive Insulin)	µIU/mL	14.5	11.6 - 17.4	52.2	42.1 - 62.3	158	127 - 188
Péptido C (2)	ng/mL	1.20	0.840 - 1.56	3.71	2.60 - 4.82	6.16	4.31 - 8.01
Progesterona	ng/mL	0.583	0.418 - 0.749	11.1	8.58 - 13.6	26.2	20.3 - 32.1

BIO-RAD Lyphocheck® Immunoassay Plus Control, Levels 1, 2 and 3

INSTRUMENTO (1)

	Unidades	Nivel 1 - 40431		Nivel 2 - 40432		Nivel 3 - 40433	
		Media	Rango	Media	Rango	Media	Rango
BECKMAN COULTER UniCel Dxl (continuación)							
Progesterona (P4DE)	ng/mL	0.345	0.239 – 0.450	8.83	6.65 – 11.0	22.7	17.1 – 28.4
Prolactina	ng/mL	5.73	4.50 – 6.97	16.1	12.8 – 19.4	31.2	24.8 – 37.5
Prolactina (338754 and above) (2)	ng/mL	6.30	5.04 – 7.56	17.4	13.9 – 20.8	34.3	27.5 – 41.2
PSA (libre) (Hybritech free PSA)	ng/mL	0.462	0.347 – 0.576	2.18	1.74 – 2.63	15.1	12.2 – 18.0
PSA (libre) (WHO 96/668)	ng/mL	0.364	0.273 – 0.453	1.77	1.37 – 2.13	11.9	9.60 – 14.2
PSA (total) (Hybritech PSA)	ng/mL	0.831	0.651 – 1.01	3.72	2.99 – 4.46	24.3	19.6 – 28.9
PSA (total) (WHO 96/670)	ng/mL	0.702	0.550 – 0.853	2.90	2.33 – 3.47	18.9	15.3 – 22.5
T3 (Captación)/T (Captación)	Captación %	43.9	35.9 – 51.9	50.2	41.3 – 59.1	53.3	44.0 – 62.6
T3 (libre) (Free T3)	pg/mL	2.40	1.70 – 3.10	5.80	3.91 – 7.68	8.59	5.68 – 11.5
T3 (total) (Total T3)	ng/mL	0.945	0.664 – 1.23	2.21	1.72 – 2.70	3.57	2.89 – 4.25
T4 (libre) (Free T4)	ng/dL	0.897	0.681 – 1.11	2.70	2.14 – 3.26	4.04	3.21 – 4.87
T4 (total) (Total T4)	µg/dL	6.25	4.43 – 8.07	10.9	8.19 – 13.5	14.5	11.2 – 17.9
Testosterona	ng/mL	1.18	0.919 – 1.45	3.52	2.74 – 4.29	7.40	5.77 – 9.02
Vitamina B12	pg/mL	243	173 – 313	440	324 – 556	648	483 – 813
Vitamina B12 (II) (Ref D06116) (2)	pg/mL	350	256 – 442	606	456 – 756	875	662 – 1093
BIOMÉRIEUX VIDAS							
AFP	ng/mL	18.1	12.1 – 24.2	109	75.1 – 143	243	171 – 314
CEA (S)	ng/mL	1.54	1.09 – 1.99	10.5	7.88 – 13.2	16.1	12.1 – 20.2
Cortisol (S)	ng/mL	23.0	12.8 – 33.2	172	111 – 234	287	185 – 388
Digoxina	ng/mL	0.557	0.309 – 0.805	1.97	1.45 – 2.49	3.35	2.56 – 4.14
Estradiol (II)	pg/mL	103	72.8 – 133	394	311 – 477	900	741 – 1058
Ferritina	ng/mL	60.4	39.9 – 80.9	149	97.0 – 201	339	219 – 459
hCG	mIU/mL	5.77	3.82 – 7.71	22.2	15.8 – 28.6	299	216 – 382
Hormona estimulante del foliculo (FSH)	mIU/mL	7.88	6.15 – 9.60	23.3	18.3 – 28.4	46.7	36.7 – 56.8
Hormona estimulante del tiroides (TSH)	µIU/mL	0.443	0.282 – 0.604	6.87	5.33 – 8.40	39.2	30.7 – 47.6
Hormona estimulante del tiroides (TSH) (TSH3)	µIU/mL	0.361	0.217 – 0.505	5.52	4.27 – 6.77	31.7	24.8 – 38.5
Hormona luteinizante (LH)	mIU/mL	1.37	1.11 – 1.62	14.1	11.3 – 17.0	56.5	44.8 – 68.3
Inmunoglobulina E (IgE) (Total)	UI/mL	301	167 – 434	83.2	52.3 – 114	97.1	59.7 – 134
Progesterona	ng/mL	0.673	<0.250 – 1.10	16.1	11.7 – 20.5	44.0	32.5 – 55.6
Prolactina	ng/mL	5.85	3.54 – 8.16	18.2	13.1 – 23.3	35.2	26.3 – 44.2
PSA (libre)	ng/mL	0.500	0.353 – 0.647	2.49	1.86 – 3.13	>10.0	
PSA (total)	ng/mL	0.832	0.563 – 1.10	3.70	2.73 – 4.67	22.8	17.1 – 28.4
T3 (libre)	pg/mL	2.43	1.59 – 3.28	8.51	6.28 – 10.7	14.2	10.7 – 17.8
T3 (total)	ng/mL	0.778	0.513 – 1.04	2.23	1.67 – 2.80	3.30	2.52 – 4.09
T4 (libre) (FT4N) (30459)	ng/dL	1.03	0.692 – 1.37	3.24	2.49 – 3.99	5.04	3.94 – 6.14
T4 (total)	µg/dL	6.42	4.87 – 7.96	12.5	9.80 – 15.2	15.7	12.4 – 19.0
Testosterona (II) (414320)	ng/mL	1.03	0.442 – 1.61	3.26	2.20 – 4.32	7.40	5.47 – 9.34
Boditech AFIAS Series (2)							
AFP	ng/mL	16.2	12.2 – 20.3	94.9	71.1 – 119	195	146 – 244
CEA	ng/mL	1.92	1.27 – 2.58	11.1	7.69 – 14.4	17.4	12.3 – 22.5
Cortisol	nmol/L	90.3	<80.0 – 177	546	365 – 726	673	624 – 722
Ferritina	ng/mL	66.7	50.0 – 83.3	190	143 – 238	425	319 – 531
Hormona estimulante del foliculo (FSH)	mIU/mL	10.4	8.88 – 11.9	30.2	22.2 – 38.2	57.3	42.1 – 72.5
Hormona estimulante del tiroides (TSH)	µIU/mL	0.610	0.460 – 0.760	6.88	5.16 – 8.60	40.0	30.0 – 50.0
Hormona estimulante del tiroides (TSH) (AFIAS TSH Plus)	µIU/mL	0.470	0.350 – 0.580	5.74	4.31 – 7.18	35.5	26.6 – 44.4
Hormona luteinizante (LH)	mIU/mL	1.23	<1.00 – 2.05	14.7	9.24 – 20.1	55.8	39.7 – 71.8
Progesterona	ng/mL	<1.40		9.54	4.72 – 14.8	23.2	12.4 – 34.0
Prolactina	ng/mL	10.4	8.45 – 12.0	29.6	24.1 – 35.0	60.3	48.4 – 72.2
PSA (libre)	ng/mL	0.270	0.200 – 0.340	1.75	1.32 – 2.19	9.72	7.29 – 12.2
PSA (total)	ng/mL	0.600	<0.500 – 0.750	3.12	2.43 – 3.81	20.5	13.4 – 27.6
Subunidad beta hCG	mIU/mL	6.02	<5.00 – 9.27	21.5	14.8 – 28.2	346	276 – 416
Subunidad beta hCG (AFIAS β-hCG Plus)	mIU/mL	15.3	12.2 – 18.2	46.9	32.8 – 61.0	610	446 – 774
T3 (total)	ng/mL	0.701	0.526 – 0.877	1.68	1.26 – 2.10	2.73	2.05 – 3.41
T4 (libre)	ng/dL	0.990	0.743 – 1.24	2.11	1.58 – 2.64	3.01	2.26 – 3.77
T4 (total)	µg/dL	6.50	4.88 – 8.13	10.3	7.71 – 12.8	12.8	9.61 – 16.0

BIO-RAD Lyphocheck® Immunoassay Plus Control, Levels 1, 2 and 3

INSTRUMENTO (1)

	Unidades	Nivel 1 - 40431		Nivel 2 - 40432		Nivel 3 - 40433	
		Media	Rango	Media	Rango	Media	Rango
Boditech AFIAS Series (2) (continuación)							
Testosterona	ng/mL	2.37	1.40 – 3.34	5.51	4.01 – 7.01	8.99	7.27 – >10.0
Boditech iCHROMA Series (2)							
AFP	ng/mL	16.3	12.2 – 20.4	103	77.4 – 129	225	169 – 282
CEA	ng/mL	1.66	1.20 – 2.11	11.3	9.07 – 13.6	17.3	11.2 – 23.5
Cortisol	nmol/L	90.3	<50.0 – 177	546	365 – 726	673	624 – 722
Ferritina	ng/mL	57.3	39.1 – 75.5	174	130 – 217	414	310 – 517
hCG	mIU/mL	6.02	<5.00 – 9.27	21.5	14.8 – 28.2	346	276 – 416
hCG (ichroma B-HCG Plus)	mIU/mL	15.3	12.2 – 18.2	46.9	32.8 – 61.0	610	446 – 774
Hormona estimulante del foliculo (FSH)	mIU/mL	10.4	8.88 – 11.9	30.2	22.2 – 38.2	57.3	42.1 – 72.5
Hormona estimulante del tiroides (TSH)	µIU/mL	0.520	0.390 – 0.650	6.09	4.56 – 7.61	39.2	29.4 – 49.0
Hormona estimulante del tiroides (TSH) (ichroma TSH Plus)	µIU/mL	0.480	0.360 – 0.610	8.18	6.14 – 10.2	45.6	34.2 – >50.0
Hormona luteinizante (LH)	mIU/mL	1.23	<1.00 – 2.05	14.7	9.24 – 20.1	55.8	39.7 – 71.8
Progesterona	ng/mL	<1.40		9.77	4.72 – 14.8	23.2	12.4 – 34.0
Prolactina	ng/mL	10.4	8.45 – 12.0	29.6	24.1 – 35.0	60.3	48.4 – 72.2
PSA (libre)	ng/mL	0.250	0.190 – 0.320	1.60	1.20 – 2.00	9.83	7.37 – 12.3
PSA (total)	ng/mL	0.530	0.400 – 0.660	2.85	2.14 – 3.56	21.6	16.2 – 27.0
T3 (total)	ng/mL		<0.500 – 0.539	1.21	0.909 – 1.51	2.16	1.62 – 2.70
T4 (libre)	ng/dL	0.965	0.723 – 1.21	1.88	1.41 – 2.35	2.42	1.81 – 3.02
T4 (total)	µg/dL	7.85	5.89 – 9.81	12.0	9.04 – 15.1	14.0	10.5 – 17.5
Testosterona	ng/mL	2.37	1.40 – 3.34	5.51	4.01 – 7.01	8.99	7.27 – >10.0
DIASORIN LIAISON (2)							
ACTH	pg/mL	48.9	29.5 – 68.3	167	85.4 – 249	349	233 – 465
AFP	UI/mL	15.2	10.8 – 19.6	85.3	70.4 – 100	197	151 – 243
Aldosterona	ng/dL	10.8	7.58 – 14.1	25.2	17.6 – 32.8	61.3	42.9 – 79.8
Androstendiona	ng/mL	0.970	0.620 – 1.31	1.87	1.20 – 2.55	3.37	2.16 – 4.59
Calcitonina	pg/mL	31.2	21.8 – 40.5	173	121 – 224	368	258 – 479
CEA	ng/mL	2.37	1.91 – 2.84	18.2	15.0 – 21.4	39.2	32.1 – 46.3
Cortisol	µg/dL	2.06	1.11 – 3.02	22.3	17.9 – 26.7	36.1	30.7 – 41.6
Dehidroepiandrosterona sulfato (DHEA Sulfato) (DHEA-Sulfate)	µg/dL	63.4	35.5 – 91.3	146	102 – 190	530	246 – >750
Estradiol (II Gen) (310680)	pg/mL	80.9	54.2 – 108	215	150 – 279	340	238 – 441
Ferritina	ng/mL	65.5	55.7 – 75.3	179	152 – 206	435	370 – 500
hCG (XL hCG) (REF 312321)	mIU/mL	5.41	2.91 – 7.91	26.6	19.5 – 33.7	215	144 – 286
Hormona estimulante del foliculo (FSH)	mIU/mL	10.3	8.76 – 11.8	34.3	28.8 – 39.9	73.8	62.4 – 85.2
Hormona estimulante del foliculo (FSH) (US only)	mIU/mL	8.94	7.15 – 10.7	27.9	22.3 – 33.5	62.5	50.0 – 75.0
Hormona estimulante del tiroides (TSH)	µIU/mL	0.561	0.477 – 0.645	6.60	5.61 – 7.59	37.2	31.6 – 42.8
Hormona Humana del Crecimiento (hGH)	ng/mL	2.96	2.07 – 3.84	7.74	5.42 – 10.1	14.1	9.88 – 18.4
Hormona luteinizante (LH)	mIU/mL	1.84	0.766 – 2.91	22.3	16.4 – 28.2	93.7	75.8 – 112
Hormona luteinizante (LH) (US only)	mIU/mL	1.84	0.766 – 2.91	22.3	16.4 – 28.2	93.7	75.8 – 112
Insulina	µIU/mL	19.8	13.9 – 25.8	67.8	47.5 – 88.2	201	141 – 264
Péptido C	ng/mL	1.52	0.716 – 2.32	4.87	3.04 – 6.70	7.90	4.51 – 11.3
Progesterona (II Gen) (310690)	ng/mL	0.680	0.270 – 1.09	10.3	7.20 – 13.4	23.2	16.3 – 30.2
Prolactina (312151)	µIU/mL	155	109 – 201	449	330 – 568	963	737 – 1190
Prolactina (xt)	µIU/mL	155	109 – 201	449	330 – 568	963	737 – 1190
PSA (libre)	ng/mL	0.391	0.204 – 0.578	1.91	1.62 – 2.20	11.0	9.32 – 12.7
PSA (total)	ng/mL	0.460	0.306 – 0.615	2.62	1.93 – 3.31	18.5	13.9 – 23.1
T3 (libre)	pg/mL	2.75	2.34 – 3.16	10.9	9.27 – 12.5	20.6	17.1 – 24.1
T3 (total)	ng/dL	69.5	42.1 – 96.9	179	141 – 217	332	266 – 398
T4 (libre)	ng/dL	1.14	0.969 – 1.31	3.50	2.98 – 4.03	6.20	5.27 – 7.13
T4 (libre) (US only)	ng/dL	1.14	0.969 – 1.31	3.50	2.98 – 4.03	6.20	5.27 – 7.13
T4 (total)	µg/dL	4.40	3.52 – 5.28	7.21	5.77 – 8.65	9.72	6.65 – 12.8
Testosterona	ng/mL	0.670	0.430 – 0.910	2.17	1.52 – 2.82	4.64	3.25 – 6.03
DIASORIN LIAISON XL (2)							
ACTH	pg/mL	44.5	22.9 – 66.1	170	101 – 239	347	237 – 457
AFP	UI/mL	15.5	13.2 – 17.8	88.0	75.5 – 102	220	187 – 253
Aldosterona	ng/dL	11.7	8.19 – 15.2	27.1	19.0 – 35.2	66.1	46.3 – 85.9

BIO-RAD Lyphocheck® Immunoassay Plus Control, Levels 1, 2 and 3

INSTRUMENTO (1)

	Unidades	Nivel 1 - 40431		Nivel 2 - 40432		Nivel 3 - 40433	
		Media	Rango	Media	Rango	Media	Rango
DIASORIN LIAISON XL (2) (continuación)							
Androstendiona	ng/mL	0.820	0.530 – 1.12	1.66	1.06 – 2.26	2.84	1.82 – 3.87
Calcitonina	pg/mL	28.9	20.3 – 37.6	175	123 – 228	356	249 – 463
CEA	ng/mL	2.66	2.18 – 3.14	20.1	16.0 – 24.2	42.7	33.4 – 52.0
Cortisol	µg/dL	1.71	1.20 – 2.22	22.4	18.0 – 26.8	39.0	32.9 – 45.1
Dehidroepiandrosterona sulfato (DHEA Sulfato) (DHEA-Sulfate)	µg/dL	63.4	35.5 – 91.3	146	102 – 190	530	246 – >750
Estradiol (II Gen) (310680)	pg/mL	82.0	54.9 – 109	209	147 – 272	340	238 – 442
Ferritina	ng/mL	78.0	66.3 – 89.7	205	174 – 236	476	405 – 547
hCG (XL hCG) (REF 312321)	mIU/mL	6.70	4.04 – 9.36	27.1	23.0 – 31.2	232	197 – 267
Hormona estimulante del foliculo (FSH)	mIU/mL	11.2	9.52 – 12.9	36.1	30.7 – 41.5	82.0	69.7 – 94.3
Hormona estimulante del foliculo (FSH) (US only)	mIU/mL	9.47	7.57 – 11.4	30.4	24.3 – 36.5	64.7	51.7 – 77.7
Hormona estimulante de tiroides (TSH)	µIU/mL	0.597	0.504 – 0.690	7.06	6.00 – 8.12	40.9	34.8 – 47.1
Hormona Humana del Crecimiento (hGH)	ng/mL	2.96	2.07 – 3.84	7.74	5.42 – 10.1	14.1	9.88 – 18.4
Hormona luteinizante (LH)	mIU/mL	2.14	1.65 – 2.63	24.0	20.4 – 27.6	103	87.6 – 118
Hormona luteinizante (LH) (US Only)	mIU/mL	2.14	1.65 – 2.63	24.0	20.4 – 27.6	103	87.6 – 118
Insulina	µIU/mL	19.8	13.9 – 25.8	67.8	47.5 – 88.2	201	141 – 261
Péptido C	ng/mL	1.98	1.31 – 2.65	6.17	4.48 – 7.86	9.85	6.92 – 12.8
Progesterona (II Gen) (310690)	ng/mL	0.560	0.230 – 0.900	10.1	7.08 – 13.1	23.2	16.3 – 30.2
Prolactina (312151)	µIU/mL	171	137 – 205	466	373 – 559	984	787 – 1180
Prolactina (xt)	µIU/mL	171	137 – 205	466	373 – 559	984	787 – 1180
PSA (libre)	ng/mL	0.295	0.225 – 0.365	1.70	1.43 – 1.97	10.7	9.06 – 12.3
PSA (total)	ng/mL	0.517	0.412 – 0.622	2.61	2.01 – 3.21	18.0	15.3 – 20.7
T3 (libre)	pg/mL	2.73	2.32 – 3.14	11.3	9.61 – 13.0	21.5	18.3 – 24.7
T3 (total)	ng/dL	64.0	46.8 – 81.2	151	121 – 181	286	229 – 343
T4 (libre)	ng/dL	1.17	0.995 – 1.35	3.76	3.20 – 4.32	7.14	6.07 – 8.21
T4 (libre) (US only)	ng/dL	1.17	0.995 – 1.35	3.76	3.20 – 4.32	7.14	6.07 – >7.70
T4 (total)	µg/dL	4.02	3.22 – 4.82	6.46	5.16 – 7.75	8.64	6.73 – 10.5
Testosterona	ng/mL	0.470	0.300 – 0.630	1.63	1.14 – 2.11	3.56	2.49 – 4.63
Testosterone XT	ng/mL	0.605	0.387 – 0.822	2.51	1.76 – 3.26	5.41	3.79 – 7.03
Fujirebio LUMIPULSE G Series (2)							
AFP (AFP-N)	ng/mL	17.2	13.8 – 20.6	97.3	77.9 – 117	213	171 – 256
CEA (CEA-N)	ng/mL	2.60	2.10 – 3.10	24.7	19.8 – 29.6	48.1	38.5 – 57.7
Estradiol (E2-III)	pg/mL	93.4	74.8 – 112	286	229 – 343	575	460 – 690
Ferritina (N)	ng/mL	42.8	34.3 – 51.3	141	113 – 170	353	282 – 423
hCG (Beta)	mIU/mL	4.80	3.90 – 5.70	23.7	19.0 – 28.4	222	177 – 266
Hormona estimulante del foliculo (FSH) (Product No. 230923)	mIU/mL	7.50	6.00 – 9.00	19.7	15.8 – 23.6	37.5	30.0 – 45.0
Hormona estimulante del foliculo (FSH) (Product No. 292693)	mIU/mL	10.0	8.00 – 12.0	26.3	21.1 – 31.5	49.3	39.5 – 59.1
Hormona estimulante de tiroides (TSH) (TSHIII)	µIU/mL	0.405	0.324 – 0.486	5.26	4.21 – 6.31	29.4	23.5 – 35.3
Hormona luteinizante (LH)	mIU/mL	1.30	1.10 – 1.50	15.5	12.4 – 18.6	57.1	45.7 – 68.5
Inmunoglobulina E (IgE)	UI/mL	305	244 – 366	93.8	75.1 – 113	106	84.4 – 127
Insulina (N)	µIU/mL	15.8	12.7 – 18.9	56.4	45.2 – 67.6	172	138 – 206
Péptido C (Serum, Plasma)	ng/mL	1.54	1.24 – 1.84	5.12	4.10 – 6.14	8.46	6.77 – 10.2
Progesterona (PRG-N)	ng/mL	0.550	0.440 – 0.660	12.1	9.67 – 14.5	27.9	22.3 – 33.4
Prolactina	ng/mL	9.00	7.20 – 10.8	24.1	19.3 – 28.9	49.1	39.3 – 58.9
PSA (libre)	ng/mL	0.278	0.223 – 0.333	1.40	1.12 – 1.68	9.04	7.23 – 10.9
PSA (total) (PSA-N)	ng/mL	0.519	0.416 – 0.622	2.54	2.03 – 3.05	16.3	13.0 – 19.5
T3 (libre) (III)	pg/mL	2.81	2.25 – 3.37	8.87	7.10 – 10.6	16.4	13.1 – 19.7
T3 (total)	ng/mL	0.820	0.660 – 0.980	2.37	1.90 – 2.84	4.27	3.42 – 5.12
T4 (libre) (N)	ng/dL	0.890	0.720 – 1.06	2.38	1.91 – 2.85	4.07	3.26 – 4.88
T4 (total)	µg/dL	6.87	5.50 – 8.24	13.3	10.7 – 16.0	19.5	15.6 – 23.4
Testosterona	ng/mL	1.42	1.14 – 1.70	4.47	3.58 – 5.36	9.61	7.69 – 11.5
IDS-iSYS (2)							
Hormona Humana del Crecimiento (hGH) (IS-3700)	ng/mL	3.06	2.23 – 3.88	8.55	6.50 – 10.6	15.3	12.1 – 18.5
Mindray CL Series/ Wiener Lab CLIA Series (2)							
AFP	UI/mL	13.4	9.79 – 17.0	80.2	58.6 – 102	178	130 – 226
CEA	ng/mL	2.51	1.83 – 3.19	23.7	17.3 – 30.1	46.8	34.2 – 59.5

BIO-RAD Lyphocheck® Immunoassay Plus Control, Levels 1, 2 and 3

INSTRUMENTO (1)

	Unidades	Nivel 1 - 40431		Nivel 2 - 40432		Nivel 3 - 40433	
		Media	Rango	Media	Rango	Media	Rango
Mindray CL Series/ Wiener Lab CLIA Series (2) (continuación)							
Cortisol	µg/dL	2.72	1.77 – 3.67	17.3	11.2 – 23.4	27.1	17.6 – 36.6
Dehidroepiandrosterona sulfato (DHEA Sulfato)	µg/dL	70.3	45.7 – 94.9	176	115 – 238	603	392 – 814
Estradiol (Lot 230501 & earlier)	pg/mL	77.2	56.4 – 98.1	258	189 – 328	546	399 – 694
Estradiol (Lot 231001 & later)	pg/mL	119	81.1 – 157	294	200 – 388	571	388 – 754
Estriol (libre)	ng/mL	1.44	1.05 – 1.83	4.40	3.21 – 5.59	11.6	8.48 – 14.8
Ferritina	ng/mL	58.7	42.8 – 74.5	213	155 – 270	571	417 – 726
Folato	ng/mL	5.37	3.49 – 7.25	13.1	8.52 – 17.7	>20.0	
hCG	mIU/mL	5.48	3.29 – 7.67	22.0	13.2 – 30.8	181	109 – 250
hCG (II)	mIU/mL	7.31	4.38 – 10.2	21.3	12.8 – 29.8	306	184 – 429
Hormona estimulante del folículo (FSH) (Lot 231101 & earlier)	mIU/mL	9.19	6.71 – 11.7	28.4	20.8 – 36.1	57.7	42.1 – 73.3
Hormona estimulante del tiroides (TSH) (Ref: TSH 105-0042XX-00)	µIU/mL	0.410	0.280 – 0.540	5.34	3.63 – 7.05	31.2	21.2 – 41.2
Hormona luteinizante (LH)	mIU/mL	1.90	1.38 – 2.41	20.4	14.9 – 25.9	71.4	52.1 – 90.6
Insulina	µIU/mL	19.5	12.7 – 26.3	71.4	46.4 – 96.3	232	151 – 313
Péptido C	ng/mL	1.35	0.980 – 1.71	4.94	3.61 – 6.27	8.17	5.97 – 10.4
Progesterona	ng/mL	0.570	0.420 – 0.730	13.3	9.73 – 16.9	34.5	25.2 – >40.0
Prolactina	ng/mL	9.34	6.07 – 12.6	24.5	15.7 – 32.6	47.3	30.8 – 63.9
PSA (libre)	ng/mL	0.360	0.260 – 0.460	1.84	1.35 – 2.34	12.0	8.74 – 15.2
PSA (total)	ng/mL	0.630	0.460 – 0.800	3.12	2.27 – 3.96	19.9	14.5 – 25.3
T3 (libre)	pg/mL	2.65	1.93 – 3.37	8.08	5.90 – 10.3	12.7	9.24 – 16.1
T3 (total)	ng/mL	0.750	0.550 – 0.960	1.81	1.32 – 2.30	2.75	2.01 – 3.49
T4 (libre) (Ref: FT4 105-0042XX-00)	ng/dL	1.45	1.06 – 1.84	3.75	2.74 – 4.77	>6.00	
T4 (libre) (Ref: FT4 11X)	ng/dL	1.08	0.790 – 1.37	2.82	2.06 – 3.58	4.03	2.94 – 5.12
T4 (total) (Ref: T4 105-0042XX-00)	µg/dL	5.85	4.27 – 7.42	11.4	8.30 – 14.4	14.6	10.7 – 18.6
T4 (total) (Ref: T4 11X)	µg/dL	5.85	4.27 – 7.42	11.4	8.30 – 14.4	14.6	10.7 – 18.6
Testosterona (II)	ng/mL	1.27	0.860 – 1.68	3.65	2.48 – 4.82	7.83	5.33 – 10.3
Testosterona (Ref: TESTO 105-0025XX-00)	ng/mL	0.530	0.320 – 0.740	3.77	2.75 – 4.78	10.9	7.99 – 13.9
Vitamina B12	pg/mL	423	309 – 537	738	539 – 937	1181	862 – 1500
ORTHO VITROS MICROSLIDE SERIES							
Acetaminofeno (ACET)	µg/mL	11.6	<10.0 – 13.5	41.4	34.7 – 48.0	139	121 – 157
Carbamacepina (CRBM)	µg/mL	<3.00		6.39	4.89 – 7.88	11.1	8.76 – 13.4
Digoxina (DGXN)	ng/mL	0.765	0.542 – 0.988	1.97	1.56 – 2.38	3.28	2.66 – 3.89
Fenitoína (PHYT)	µg/mL	5.62	4.42 – 6.81	12.4	9.91 – 14.8	23.3	18.8 – 27.8
Hierro (Fe)	µg/dL	118	103 – 133	74.5	59.4 – 89.5	70.0	55.0 – 85.1
Litio (Li)	mmol/L	0.726	0.537 – 0.916	1.69	1.45 – 1.92	2.42	2.15 – 2.69
Salicilato (SALI)	mg/dL	5.13	3.47 – 6.79	18.2	15.9 – 20.6	38.2	34.7 – >40.0
Teofilina (THEO)	µg/mL	4.12	2.30 – 5.94	15.2	12.1 – 18.2	31.0	26.1 – 35.8
ORTHO VITROS MICROTIP SERIES							
Ácido valpróico (VALP)	µg/mL	33.5	22.1 – 44.9	76.7	58.7 – 94.7	107	84.4 – 130
Gentamicina (GENT)	µg/mL	2.32	1.92 – 2.72	4.52	3.65 – 5.38	7.23	5.79 – 8.67
Tobramicina (TOBRA)	µg/mL	1.08	0.872 – 1.29	2.88	2.42 – 3.34	6.19	5.25 – 7.14
Vancomicina (VANC)	µg/mL	5.74	<5.00 – 7.33	14.2	11.6 – 16.9	27.0	22.7 – 31.3
ORTHO VITROS MICROWELL SERIES							
AFP (2) (3)	UI/mL	12.8	9.96 – 15.6	74.0	57.8 – 90.2	151	114 – 188
CEA	ng/mL	2.17	1.71 – 2.62	19.5	16.5 – 22.6	39.9	33.8 – 46.0
Cortisol (Cort)	µg/dL	2.53	1.95 – 3.11	18.2	14.6 – 21.9	28.0	22.4 – 33.5
Estradiol (E2) (2)	pg/mL	88.8	34.2 – 143	384	243 – 526	914	645 – 1183
Ferritina (Ferr)	ng/mL	51.0	39.0 – 63.0	134	104 – 164	319	248 – 389
Folato (2)	ng/mL	3.07	1.79 – 4.35	7.65	5.10 – 10.2	15.3	9.99 – >20.0
Folato (Fol/RCFol)	ng/mL	3.12	1.73 – 4.50	8.61	5.43 – 11.8	17.1	11.2 – >20.0
hCG (B-hCG)	mIU/mL	6.84	4.66 – 9.02	20.5	16.3 – 24.8	258	217 – 299
Hormona estimulante del folículo (FSH) (2)	mIU/mL	5.94	4.46 – 7.42	21.0	17.0 – 25.0	40.6	31.8 – 49.4
Hormona estimulante del tiroides (TSH)	µIU/mL	0.269	0.207 – 0.332	5.05	4.16 – 5.93	29.9	24.7 – 35.1
Hormona luteinizante (LH)	mIU/mL	0.957	0.503 – 1.41	17.0	14.1 – 19.9	57.0	47.9 – 66.0
Insulina (2) (3)	µIU/mL	16.1	10.2 – 22.0	58.9	40.9 – 76.9	177	123 – 231
Péptido C (2)	ng/mL	1.49	1.12 – 1.86	4.91	3.69 – 6.13	7.79	5.83 – 9.75

BIO-RAD Lyphocheck® Immunoassay Plus Control, Levels 1, 2 and 3

INSTRUMENTO (1)

	Unidades	Nivel 1 - 40431		Nivel 2 - 40432		Nivel 3 - 40433	
		Media	Rango	Media	Rango	Media	Rango
ORTHO VITROS MICROWELL SERIES (continuación)							
Progesterona (Prog) (2)	ng/mL	0.528	0.291 – 0.767	10.2	7.61 – 12.8	27.5	21.1 – 33.6
Prolactina (Prol)	ng/mL	7.55	5.87 – 9.23	16.4	13.3 – 19.4	30.8	25.5 – 36.0
PSA (libre) (fPSA) (2)	ng/mL	0.278	0.204 – 0.352	1.43	1.05 – 1.81	9.68	7.15 – 12.2
PSA (total) (PSA) (680 1756)	ng/mL	0.593	0.479 – 0.707	2.37	1.93 – 2.80	13.1	10.7 – 15.5
PSA (total) (fPSA) (684 2844) (2)	ng/mL	0.581	0.426 – 0.736	2.84	2.08 – 3.60	18.2	13.3 – 23.1
T3 Total (TT3-2) (2)	nmol/L	1.52	1.07 – 1.97	4.12	3.05 – 5.19	7.06	5.49 – 8.63
T3 (Captación)/T (Captación) (T3U)	Captación %	39.5	34.3 – 44.7	56.2	48.7 – 63.7		56.3 – >65.0
T3 (Captación)/T (Captación) (T3U-2) (2)	Captación %	38.0	29.6 – 46.4	57.7	44.9 – >65.0		>65.0
T3 (libre) (FT3 II) (2)	pg/mL	4.77	3.67 – 5.87	17.0	12.4 – 21.6		>22.7
T3 (libre) (FT3) (2)	pg/mL	5.08	3.69 – 6.47	20.0	14.6 – >22.7		>22.7
T3 (total) (TT3)	nmol/L	1.48	1.22 – 1.75	3.61	2.98 – 4.24	6.04	5.33 – 6.75
T4 (libre) (FT4)	ng/dL	1.68	1.36 – 2.00	6.49	5.60 – >6.98		>6.98
T4 (total) (TT4) (2)	µg/dL	5.74	4.65 – 6.82	10.9	8.99 – 12.9	14.4	11.9 – 16.9
Testosterona (2)	ng/dL	107	67.7 – 146	478	331 – 625	1202	859 – 1545
Vitamina B12	pg/mL	363	280 – 446	617	462 – 772	792	587 – 997
PerkinElmer AUTODELFIA (2)							
AFP (hAFP)	ng/mL	17.3	14.5 – 20.5	95.4	75.9 – 114	204	163 – 245
Estríol (libre) (Unconjugated, uE3)(B095-101)	ng/mL	2.55	1.79 – 3.17	6.69	4.61 – 8.65		>14.4
hCG	mIU/mL	<10.0		21.3	16.0 – 27.0	297	238 – 356
Hormona estimulante del tiroides (TSH) (hTSH Ultra)	µIU/mL	0.440	0.350 – 0.530	5.56	4.40 – 6.70	34.6	28.0 – 42.0
T3 (total)	ng/mL	§		§		§	
T4 (libre)	ng/dL	§		§		§	
T4 (total)	µg/dL	§		§		§	
PerkinElmer DELFIA Xpress (2)							
AFP (hAFP)	ng/mL	17.1	13.3 – 20.5	94.2	75.9 – 113	201	161 – 241
Estríol (libre) (Unconjugated, uE3)	ng/mL	2.20	1.56 – 2.85	6.48	4.61 – 8.36		>14.4
hCG	mIU/mL	6.30	4.40 – 8.20	19.9	15.0 – 25.0	243	194 – 292
ROCHE / HITACHI COBAS C SYSTEMS							
Acetaminofeno (ACET2) (REF 06769942190)	µg/mL	10.6	8.39 – 12.8	33.5	28.2 – 38.8	105	89.6 – 120
Ácido valpróico	µg/mL	32.1	24.4 – 39.8	76.9	61.6 – 92.1	110	89.3 – 131
Amikacina	µg/mL	4.35	3.26 – 5.44	14.2	12.4 – 15.9	26.9	24.3 – 29.5
Carbamacepina (CARB4)	µg/mL	2.76	2.07 – 3.45	8.33	6.95 – 9.71	13.7	11.6 – 15.7
Digoxina	ng/mL	0.862	0.566 – 1.16	2.03	1.63 – 2.42	3.36	2.85 – 3.87
Fenitoína	µg/mL	6.38	4.86 – 7.91	13.7	11.1 – 16.4	24.5	20.2 – 28.9
Fenobarbital	µg/mL	8.98	6.92 – 11.0	23.9	20.2 – 27.6	47.0	40.8 – 53.3
Ferritina	ng/mL	81.5	66.8 – 96.3	171	131 – 211	353	262 – 444
Gentamicina (GENT2)	µg/mL	§		§		§	
Gentamicina (QMS)	µg/mL	2.47	1.72 – 3.21	5.30	4.19 – 6.41	8.12	6.65 – 9.58
Hierro	µg/dL	115	93.3 – 137	79.5	57.7 – 101	81.2	59.4 – 103
Hierro (TIBC)	µg/dL	275	241 – 308	234	203 – 266	238	206 – 269
Litio	mg/dL	0.328	0.207 – 0.448	0.886	0.742 – 1.03	1.32	1.15 – 1.49
Salicilato	mg/dL	4.01	3.41 – 4.62	15.7	14.0 – 17.4	44.3	39.9 – 48.6
Teofilina	µg/mL	4.58	3.71 – 5.46	15.6	13.4 – 17.7	28.4	24.7 – 32.0
Tobramicina	µg/mL	0.937	0.657 – 1.22	2.72	2.27 – 3.16	5.78	5.04 – 6.51
Vancomicina (VANC3)	µg/mL	7.87	5.58 – 10.2	19.8	15.9 – 23.8	35.0	29.3 – 40.8
ROCHE COBAS INTEGRÁ							
Acetaminofeno (ACET2)	µg/mL	§		§		§	
Ácido valpróico	µg/mL	§		§		§	
Carbamacepina	µg/mL	§		§		§	
Fenitoína	µg/mL	§		§		§	
Fenobarbital	µg/mL	§		§		§	
Gentamicina	µg/mL	§		§		§	
Litio	mEq/L	§		§		§	
Teofilina	µg/mL	§		§		§	
Vancomicina	µg/mL	§		§		§	

BIO-RAD Lyphocheck® Immunoassay Plus Control, Levels 1, 2 and 3

INSTRUMENTO (1)

	Unidades	Nivel 1 - 40431		Nivel 2 - 40432		Nivel 3 - 40433	
		Media	Rango	Media	Rango	Media	Rango
ROCHE ELECSYS / E170 / COBAS e SYSTEMS							
ACTH	pg/mL	24.4	8.25 - 40.5	79.6	38.6 - 121	156	80.1 - 231
AFP	ng/mL	17.0	12.8 - 21.2	101	78.5 - 123	217	169 - 264
Calcitonina	pg/mL	37.5	21.1 - 53.9	202	148 - 255	429	323 - 536
CEA	ng/mL	2.39	1.84 - 2.94	17.7	14.6 - 20.7	33.7	28.0 - 39.5
Cortisol (II)	µg/dL	2.98	2.28 - 3.68	17.3	13.9 - 20.8	26.3	21.2 - 31.4
Dehidroepiandrosterona sulfato (DHEA Sulfato) (DHEA-Sulfate)	µg/dL	99.1	75.6 - 123	217	171 - 263	776	621 - 931
Digoxina	ng/mL	0.731	0.548 - 0.913	2.05	1.70 - 2.40	3.51	2.97 - 4.05
Estradiol (III)	pg/mL	91.1	68.6 - 114	228	191 - 265	395	340 - 449
Ferritina	ng/mL	80.0	64.9 - 95.1	204	165 - 244	437	351 - 523
Folate (III) (E170/e601/e602/e411) (Europe/Asia) restand.	ng/mL	3.39	2.11 - 4.67	7.15	5.16 - 9.15	13.2	10.1 - 16.3
Folate (III) (E170/e601/e602/e411) restand.	ng/mL	3.01	<2.00 - 4.23	6.87	4.91 - 8.83	12.3	9.29 - 15.3
Folato (cobas e801/e402)	ng/mL	3.25	<2.00 - 4.50	7.65	5.56 - 9.74	14.5	11.1 - 17.8
hCG (+ β)	mIU/mL	4.92	3.77 - 6.06	20.1	16.4 - 23.8	223	185 - 260
hCG (STAT)	mIU/mL	4.44	3.37 - 5.50	19.3	15.8 - 22.9	203	169 - 238
Hormona estimulante del folículo (FSH)	mIU/mL	7.47	6.16 - 8.78	20.2	16.7 - 23.8	38.7	31.9 - 45.5
Hormona estimulante del tiroides (TSH)	µIU/mL	0.517	0.352 - 0.683	6.36	5.02 - 7.71	36.7	29.2 - 44.1
Hormona Humana del Crecimiento (hGH)	ng/mL	3.35	1.87 - 4.84	8.81	7.04 - 10.6	15.7	13.4 - 18.1
Hormona luteinizante (LH)	mIU/mL	2.10	1.66 - 2.55	20.3	17.3 - 23.4	67.0	57.2 - 76.9
Inmunoglobulina E (IgE)	ng/mL	834	670 - 998	250	156 - 345	282	184 - 379
Insulin	µIU/mL	16.8	13.7 - 19.8	63.1	53.1 - 73.1	188	160 - 217
Péptido C	ng/mL	1.73	1.35 - 2.11	5.28	4.32 - 6.24	8.08	6.67 - 9.49
Progesterona (III)	ng/mL	0.647	0.343 - 0.951	11.7	9.69 - 13.7	27.6	23.1 - 32.0
Prolactina	ng/mL	8.77	7.33 - 10.2	24.0	20.1 - 27.9	51.2	42.9 - 59.5
Prostate Specific Antigen, Free (fPSA) (Cobas e411/e601/602)	ng/mL	0.335	0.275 - 0.394	1.67	1.42 - 1.92	10.9	9.34 - 12.5
Prostate Specific Antigen, Free (fPSA) (Cobas e801/e402)	ng/mL	0.329	0.274 - 0.385	1.64	1.38 - 1.90	10.5	8.84 - 12.2
Prostate Specific Antigen, Total (e411/e601/602) (tPSA)	ng/mL	0.691	0.568 - 0.814	3.26	2.74 - 3.77	20.4	17.2 - 23.6
Prostate specific Antigen, Total (tPSA) (Cobas e801/e402)	ng/mL	0.671	0.547 - 0.794	3.14	2.63 - 3.64	19.5	16.5 - 22.6
T3 Total	ng/mL	1.04	0.787 - 1.29	2.46	1.94 - 2.98	3.66	2.91 - 4.41
T3 Uptake/T-Uptake	TBI	0.966	0.836 - 1.10	0.591	0.419 - 0.763	0.338	<0.200 - 0.538
T3 (libre) (III)	pg/mL	3.16	2.60 - 3.73	9.79	8.42 - 11.2	16.8	14.7 - 18.8
T4 Total	µg/dL	5.98	4.70 - 7.26	10.4	8.22 - 12.5	13.2	10.4 - 15.9
T4 (libre) (II)	ng/dL	1.14	1.01 - 1.27	2.99	2.44 - 3.53	4.92	3.94 - 5.90
T4 (libre) (III)	ng/dL	1.22	1.07 - 1.37	3.25	2.65 - 3.85	5.50	4.40 - 6.59
T4 (libre) (IV)	ng/dL	1.29	1.13 - 1.45	3.35	2.75 - 3.95	5.53	4.45 - 6.60
Testosterona (II)	ng/mL	1.55	1.15 - 1.95	4.17	3.35 - 4.99	8.79	7.23 - 10.4
Tiroglobulina (Tg) (II)	ng/mL	8.60	6.66 - 10.5	5.04	3.89 - 6.20	9.50	7.36 - 11.6
Vitamin B12 (II) (E170/e601/e602/e411)	pg/mL	413	324 - 502	624	512 - 737	869	729 - 1008
Vitamina B12 (II) (cobas e801/e402)	pg/mL	382	296 - 467	607	496 - 717	824	689 - 959
ROCHE HITACHI / MODULAR							
Ácido valpróico	µg/mL	32.1	24.4 - 39.8	76.9	61.6 - 92.1	110	89.3 - 131
Fenitoína	µg/mL	6.38	4.86 - 7.91	13.7	11.1 - 16.4	24.5	20.2 - 28.9
Fenobarbital	µg/mL	8.98	6.92 - 11.0	23.9	20.2 - 27.6	47.0	40.8 - 53.3
Hierro	µg/dL	115	93.3 - 137	79.5	57.7 - 101	81.2	59.4 - 103
Teofilina	µg/mL	4.58	3.71 - 5.46	15.6	13.4 - 17.7	28.4	24.7 - 32.0
Tobramicina	µg/mL	0.937	0.657 - 1.22	2.72	2.27 - 3.16	5.78	5.04 - 6.51
SIEMENS ADVIA CENTAUR CP							
Ácido valpróico (VALP)	µg/mL	36.2	28.3 - 44.1	85.3	68.6 - 102	114	92.2 - 136
AFP	ng/mL	17.4	12.8 - 22.0	100	77.0 - 123	213	165 - 262
Androstendiona	ng/mL	0.579	0.312 - 0.846	1.33	0.804 - 1.85	2.65	1.67 - 3.63
Carbamacepina (CARB)	µg/mL	2.77	1.85 - 3.69	8.37	6.33 - 10.4	13.7	10.6 - 16.8
CEA	ng/mL	2.05	1.06 - 3.04	20.2	15.0 - 25.4	42.2	31.9 - 52.4
Cortisol (COR)	µg/dL	2.78	1.57 - 3.99	20.2	14.3 - 26.0	30.7	22.1 - 39.3
C-Peptide (CpS) (Rgt lots 206 & calibrator lot 08 & higher)	ng/mL	1.31	0.855 - 1.77	4.25	3.15 - 5.35	6.55	4.94 - 8.15
Dehidroepiandrosterona sulfato (DHEA Sulfato) (DHEAS)	µg/dL	62.9	45.8 - 80.1	138	103 - 174	479	360 - 598
Digoxina (DIG)	ng/mL	0.750	0.566 - 0.935	2.24	1.80 - 2.67	3.91	3.20 - 4.62

BIO-RAD Lyphocheck® Immunoassay Plus Control, Levels 1, 2 and 3

INSTRUMENTO (1)

	Unidades	Nivel 1 - 40431		Nivel 2 - 40432		Nivel 3 - 40433	
		Media	Rango	Media	Rango	Media	Rango
SIEMENS ADVIA CENTAUR CP (continuación)							
Estradiol (eE2)	pg/mL	81.5	48.9 – 114	311	231 – 391	693	532 – 854
Fenitoína (PHTN)	µg/mL	7.88	5.63 – 10.1	15.6	11.0 – 20.1	28.7	20.1 – 37.4
Fenobarbital (PHNB)	µg/mL	11.6	8.14 – 15.0	29.5	19.9 – 39.1	63.4	43.3 – >80.0
Ferritin (FER)	ng/mL	52.3	36.3 – 68.3	151	105 – 198	382	264 – 500
Folato (FOL)	ng/mL	3.49	1.98 – 4.99	7.17	4.15 – 10.2	12.9	7.52 – 18.3
Gentamicina (GENT)	µg/mL	2.02	1.37 – 2.66	4.31	2.98 – 5.64	7.27	4.90 – 9.64
hCG (ThCG)	mIU/mL	7.06	4.54 – 9.58	25.3	19.3 – 31.2	220	182 – 257
Hormona estimulante del folículo (FSH)	mIU/mL	7.95	5.61 – 10.3	22.7	17.0 – 28.4	44.9	34.1 – 55.8
Hormona estimulante del folículo (FSH) (Rgt lot 033280 & above, Cal CB13 & above) (2)	mIU/mL	7.67	5.41 – 9.94	25.4	19.0 – 31.7	48.3	36.7 – 60.0
Hormona estimulante del tiroides (TSH)	µIU/mL	0.474	0.384 – 0.563	6.43	5.07 – 7.79	42.2	34.1 – 50.3
Hormona estimulante del tiroides (TSH) (TSH3-UL)	µIU/mL	0.397	0.323 – 0.470	5.39	4.25 – 6.53	32.7	25.8 – 39.6
Hormona estimulante del tiroides (TSH) (TSH3ULI) (2)	µIU/mL	0.417	0.334 – 0.500	5.81	4.65 – 6.97	35.9	28.8 – 43.1
Hormona luteinizante (LH)	mIU/mL	1.54	0.994 – 2.08	16.3	12.7 – 19.8	58.6	46.3 – 70.9
Inmunoglobulina E (IgE) (IgEJ) (2)	UI/mL	361	271 – 451	93.2	70.8 – 116	100	76.0 – 124
Inmunoglobulina E (IgE) (tIgE)	UI/mL	361	254 – 467	93.2	63.5 – 123	100	68.7 – 132
Insulina (IRI)	µIU/mL	18.4	12.5 – 24.4	64.0	46.8 – 81.2	192	143 – 242
Péptido C (CpS)	ng/mL	§		§		§	
Progesterona (PRGE)	ng/mL	0.854	0.391 – 1.32	10.8	8.11 – 13.4	21.1	16.1 – 26.0
Pro lactina (PRL) →	ng/mL	5.90	4.54 – 7.26	14.7	10.9 – 18.4	30.4	22.4 – 38.3
PSA (total) (PSA)	ng/mL	0.643	0.496 – 0.790	3.13	2.45 – 3.81	20.6	16.2 – 25.0
PSA, Complexed (cPSA)	ng/mL	0.267	0.190 – 0.343	1.19	0.853 – 1.52	7.43	5.29 – 9.56
T3 (Captación)/T (Captación) (TUp)	Unidad de captación de T	1.23	1.01 – 1.46	1.69	1.39 – 1.99	1.86	1.53 – 2.19
T3 (libre) (FT3)	pg/mL	3.01	2.57 – 3.45	9.06	7.75 – 10.4	14.9	12.8 – 17.0
T3 (total) (T3)	ng/mL	0.961	0.679 – 1.24	2.55	1.84 – 3.25	4.15	3.00 – 5.29
T4 (libre) (FT4)	ng/dL	0.947	0.768 – 1.13	2.25	1.85 – 2.66	3.39	2.78 – 3.99
T4 (total) (T4)	µg/dL	6.27	4.60 – 7.93	13.2	10.0 – 16.3	17.1	13.1 – 21.1
Teofilina (THEO2)	µg/mL	4.40	3.36 – 5.44	15.0	12.1 – 17.9	27.4	22.3 – 32.5
Testosterona II (TSTII)	ng/dL	157	94.6 – 220	405	284 – 526	745	543 – 947
Vancomicina (VANC)	µg/mL	5.47	3.16 – 7.78	13.7	9.91 – 17.6	24.8	18.9 – 30.6
Vitamina B12 (VB12)	pg/mL	370	252 – 487	598	434 – 762	837	624 – 1050
SIEMENS ADVIA CENTAUR SYSTEMS							
Ácido valpróico (VALP)	µg/mL	34.8	28.3 – 41.3	80.3	66.5 – 94.0	112	92.9 – 130
AFP	ng/mL	18.0	13.7 – 22.2	96.3	77.2 – 115	212	171 – 253
Androstendiona	ng/mL	0.574	0.308 – 0.839	1.22	0.730 – 1.70	2.39	1.50 – 3.28
Calcitonina (CALCT)	pg/mL	26.1	12.5 – 39.8	160	114 – 205	338	249 – 427
Carbamacepina (CARB)	µg/mL	2.73	1.75 – 3.71	7.65	5.18 – 10.1	13.5	9.26 – 17.8
CEA	ng/mL	2.02	1.25 – 2.78	20.1	15.9 – 24.3	40.6	32.6 – 48.7
Cortisol (COR)	µg/dL	2.72	1.85 – 3.58	19.8	14.6 – 25.1	30.7	22.6 – 38.7
C-Peptide (CpS) (Rgt lots 206 & calibrator lot 08 & higher)	ng/mL	1.43	0.900 – 1.95	4.43	3.09 – 5.77	6.93	4.92 – 8.94
Dehidroepiandrosterona sulfato (DHEA Sulfato) (DHEAS)	µg/dL	66.8	41.6 – 91.9	142	96.4 – 187	461	329 – 593
Digoxina (DIG)	ng/mL	0.897	0.641 – 1.15	2.26	1.78 – 2.74	3.76	3.03 – 4.48
Estradiol (eE2)	pg/mL	89.5	64.6 – 114	320	261 – 378	706	591 – 820
Fenitoína (PHTN)	µg/mL	7.17	5.15 – 9.19	14.8	10.9 – 18.7	27.2	20.2 – 34.2
Fenobarbital (PHNB)	µg/mL	12.8	9.23 – 16.4	32.3	23.7 – 40.8	63.8	47.9 – 79.6
Ferritin (FER)	ng/mL	52.5	41.1 – 63.8	156	119 – 193	375	283 – 467
Folato (FOL)	ng/mL	2.38	1.18 – 3.58	5.67	3.31 – 8.03	10.4	6.36 – 14.4
Gentamicina (GENT)	µg/mL	2.13	1.58 – 2.68	4.71	3.44 – 5.98	7.72	5.61 – 9.84
hCG (ThCG)	mIU/mL	7.26	4.05 – 10.5	27.4	21.1 – 33.6	235	198 – 271
Hormona estimulante del folículo (FSH)	mIU/mL	8.27	6.56 – 9.99	23.4	18.9 – 27.9	45.2	36.7 – 53.7
Hormona estimulante del folículo (FSH) (Rgt lot 033280 & above, Cal CB13 & above) (2)	mIU/mL	7.39	5.86 – 8.93	24.1	19.4 – 28.7	46.7	37.9 – 55.5
Hormona estimulante del tiroides (TSH)	µIU/mL	0.523	0.345 – 0.700	7.07	5.30 – 8.84	40.3	30.9 – 49.7
Hormona estimulante del tiroides (TSH) (TSH3-UL)	µIU/mL	0.441	0.248 – 0.634	5.85	3.73 – 7.98	34.2	21.9 – 46.4
Hormona estimulante del tiroides (TSH) (TSH3ULI) (2)	µIU/mL	0.428	0.342 – 0.514	5.90	4.72 – 7.08	35.5	28.4 – 42.6

BIO-RAD Lyphocheck® Immunoassay Plus Control, Levels 1, 2 and 3

INSTRUMENTO (1)

	Unidades	Nivel 1 - 40431		Nivel 2 - 40432		Nivel 3 - 40433	
		Media	Rango	Media	Rango	Media	Rango
SIEMENS ADVIA CENTAUR SYSTEMS (continuación)							
Hormona luteinizante (LH)	mUI/mL	1.53	1.17 – 1.88	18.2	14.5 – 21.9	62.5	49.8 – 75.2
Inmunoglobulina E (IgE) (IgEJ) (2)	UI/mL	362	272 – 453	96.2	73.1 – 119	108	82.1 – 134
Inmunoglobulina E (IgE) (tIgE)	UI/mL	362	280 – 443	96.2	76.8 – 116	108	85.6 – 130
Insulin (IRI)	μUI/mL	19.7	14.6 – 24.8	67.3	51.0 – 83.6	199	152 – 246
Péptido C (CpS)	ng/mL	§		§		§	
Progesterona (PRGE)	ng/mL	0.721	0.287 – 1.15	10.5	7.87 – 13.1	20.6	15.7 – 25.5
Pro lactina (PRL) →	ng/mL	6.01	4.91 – 7.11	16.6	13.3 – 19.9	34.3	27.3 – 41.3
PSA (libre) (fPSA)	ng/mL	0.322	0.269 – 0.375	1.60	1.33 – 1.87	10.2	8.50 – 11.9
PSA (total) (PSA)	ng/mL	0.712	0.596 – 0.827	3.20	2.61 – 3.79	20.1	16.4 – 23.9
PSA, Complexed (cPSA)	ng/mL	0.283	0.212 – 0.355	1.14	0.898 – 1.38	6.45	5.16 – 7.75
T3 (Captación)/T (Captación) (TUp) (Unit)	Unidad de captación de T	1.12	0.910 – 1.33	1.48	1.21 – 1.75	1.64	1.35 – 1.93
T3 (libre) (FT3)	pg/mL	3.05	2.25 – 3.84	8.53	6.47 – 10.6	14.1	10.9 – 17.3
T3 (total) (T3)	ng/mL	0.941	0.662 – 1.22	2.43	1.90 – 2.96	3.82	3.05 – 4.59
T4 (libre) (FT4)	ng/dL	0.926	0.706 – 1.15	2.23	1.74 – 2.71	3.22	2.53 – 3.91
T4 (total) (T4)	μg/dL	6.39	4.83 – 7.94	12.6	9.62 – 15.5	15.7	12.0 – 19.3
Teofilina (THEO2)	μg/mL	4.71	2.97 – 6.45	16.1	11.9 – 20.3	28.4	21.5 – 35.2
Testosterona (TSTII)	ng/dL	161	108 – 213	377	258 – 496	728	502 – 955
Vancomicina (VANC)	μg/mL	5.82	4.03 – 7.61	14.7	11.0 – 18.3	26.4	20.3 – 32.4
Vitamina B12 (VB12)	pg/mL	384	266 – 501	578	419 – 737	856	637 – 1074
SIEMENS ADVIA CHEMISTRY SYSTEMS							
Acetaminofeno (ACET)	mg/dL	1.03	0.730 – 1.33	3.36	2.79 – 3.94	10.8	9.25 – 12.3
Ácido valpróico (VPA_2)	μg/mL	37.6	30.1 – 45.0	82.0	65.3 – 98.6	112	89.2 – 135
Carbamacepina (CARB_2)	μg/mL	2.45	1.46 – 3.44	7.70	5.85 – 9.55	12.5	9.82 – 15.1
Digoxina (DIG)	ng/mL	0.707	0.484 – 0.929	1.98	1.54 – 2.41	3.45	2.77 – 4.13
Fenitoína (PHNY_2)	μg/mL	5.50	3.51 – 7.49	12.3	8.57 – 16.0	20.7	14.6 – 26.9
Fenobarbital (PHNB_2)	μg/mL	9.43	7.22 – 11.6	25.1	19.6 – 30.6	51.2	39.9 – 62.4
Ferritina (FRT)	ng/mL	60.9	51.4 – 70.3	138	119 – 156	288	251 – 325
Gentamicina (GENT_2)	μg/mL	2.30	1.67 – 2.93	4.52	3.59 – 5.45	6.77	5.49 – 8.04
Hierro (IRON_2)	μg/dL	111	84.6 – 137	72.5	44.7 – 100	72.7	44.9 – 101
Inmunoglobulina A (IgA) (IGA_2)	mg/dL	190	156 – 225	159	127 – 191	159	127 – 191
Inmunoglobulina G (IgG) (IGG_2)	mg/dL	804	684 – 924	683	558 – 807	679	555 – 804
Inmunoglobulina M (IgM) (IGM_2)	mg/dL	68.2	61.6 – 74.8	63.5	56.9 – 70.1	58.8	52.2 – 65.4
Litio (LITH/LITH_2)	mEq/L	0.459	0.331 – 0.587	1.32	1.10 – 1.54	1.97	1.68 – 2.26
Salicilato (SAL)	mg/dL	4.42	2.74 – 6.09	18.2	15.5 – 20.9	48.8	43.7 – 53.8
Salicylate (SAL) (Cal. Lots 9520531 9520341 and above)	mg/dL	3.62	1.94 – 5.30	14.9	12.2 – 17.6	40.0	34.9 – 45.1
Teofilina (THEO_2)	μg/mL	4.46	3.07 – 5.85	14.6	10.8 – 18.5	27.6	20.6 – 34.6
Tobramicina (TOB_2)	μg/mL	1.16	0.673 – 1.64	3.26	2.61 – 3.91	6.12	5.23 – 7.01
Vancomicina (VANC_2)	μg/mL	5.98	3.24 – 8.73	16.4	11.7 – 21.2	29.0	21.7 – 36.2
SIEMENS BN SERIES NEPHELOMETERS							
Inmunoglobulina A (IgA)	mg/dL	194	168 – 219	159	135 – 184	158	134 – 181
Inmunoglobulina E (IgE)	UI/mL	336	238 – 434	92.1	69.8 – 114	106	79.6 – 133
Inmunoglobulina G (IgG)	mg/dL	897	712 – 1083	797	637 – 957	763	612 – 915
Inmunoglobulina M (IgM)	mg/dL	81.0	61.1 – 101	72.6	55.3 – 89.9	65.6	50.4 – 80.8
SIEMENS DIMENSION SERIES							
Acetaminofeno (ACTM)	μg/mL	13.2	9.84 – 16.6	40.9	32.9 – 48.9	124	105 – 144
Ácido valpróico (VALP)	μg/mL	33.2	27.0 – 39.3	71.9	61.2 – 82.6	94.6	81.1 – 108
Carbamacepina (CRBM)	μg/mL	2.45	1.88 – 3.02	7.18	6.03 – 8.34	12.0	10.2 – 13.7
Digoxina (DGNA)	ng/mL	0.777	0.559 – 0.994	2.14	1.80 – 2.47	3.40	2.96 – 3.85
Fenitoína (PTN)	μg/mL	6.48	4.63 – 8.33	14.6	11.7 – 17.4	26.3	22.0 – 30.6
Fenobarbital (PHNO)	μg/mL	8.98	5.51 – 12.5	25.0	19.4 – 30.6	50.6	41.6 – 59.5
Ferritina (FERR)	ng/mL	79.8	65.0 – 94.7	199	164 – 234	436	361 – 512
Folato (FOLA) (EXL LOCI MODULE) (RF644)	ng/mL	2.78	1.88 – 3.67	6.44	4.71 – 8.17	11.1	8.30 – 13.9
Gentamicina (GENT)	μg/mL	1.91	1.46 – 2.36	4.64	3.95 – 5.33	7.28	6.35 – 8.20
hCG	mUI/mL	7.65	5.73 – 9.57	21.4	17.4 – 25.5	275	231 – 319

BIO-RAD Lyphocheck® Immunoassay Plus Control, Levels 1, 2 and 3

INSTRUMENTO (1)

	Unidades	Nivel 1 - 40431		Nivel 2 - 40432		Nivel 3 - 40433	
		Media	Rango	Media	Rango	Media	Rango
SIEMENS DIMENSION SERIES (continuación)							
Hierro	µg/dL	111	88.1 – 134	75.2	52.2 – 98.1	75.4	52.4 – 98.3
Hierro (TIBC)	µg/dL	274	230 – 318	242	201 – 283	245	204 – 287
Hormona estimulante del tiroides (TSH)	µUI/mL	0.375	0.224 – 0.526	5.79	4.30 – 7.27	33.3	25.0 – 41.7
Hormona estimulante del tiroides (TSH) (EXL LOCI Module) (TSHL)	µUI/mL	0.422	0.348 – 0.496	5.73	4.53 – 6.92	35.7	27.8 – 43.6
Inmunoglobulina A (IgA)	mg/dL	§		§		§	
Inmunoglobulina G (IgG)	mg/dL	§		§		§	
Inmunoglobulina M (IgM)	mg/dL	§		§		§	
Litio (LI)	mmol/L	0.413	0.256 – 0.570	1.20	1.01 – 1.40	1.83	1.60 – 2.05
PSA (libre) (FPSA)	ng/mL	0.301	0.140 – 0.463	1.62	1.24 – 2.00	11.4	9.26 – 13.6
PSA (total) (TPSA)	ng/mL	0.683	0.478 – 0.887	3.13	2.50 – 3.77	20.8	17.0 – 24.5
Salicilato (SAL)	mg/dL	4.87	3.53 – 6.22	17.0	14.3 – 19.7	43.3	40.6 – 46.0
T3 (Captación)/T (Captación) (%), TU)	Captación %	§		§		§	
T3 (libre) (FT3)	pg/mL	2.47	1.99 – 2.94	9.93	8.51 – 11.3	17.7	15.6 – 19.9
T4 (libre) (EXL LOCI Module)	ng/dL	1.03	0.801 – 1.25	2.63	2.18 – 3.07	5.35	4.52 – 6.18
T4 (libre) (Heterogeneous Module)	ng/dL	§		§		§	
T4 (total) (T4)	µg/dL	§		§		§	
Teofilina (THEO)	µg/mL	4.63	3.67 – 5.60	17.1	14.0 – 20.1	32.4	26.9 – 37.9
Tobramicina (TOBR)	µg/mL	0.617	0.253 – 0.981	2.30	1.78 – 2.82	5.15	4.37 – 5.93
Vancomicina (VANC)	µg/mL	6.85	5.36 – 8.34	17.7	14.7 – 20.6	31.0	26.2 – 35.7
Vitamina B12 (VB12) (EXL LOCI MODULE) (RF642)	pg/mL	388	308 – 468	604	506 – 702	821	705 – 937
SIEMENS DIMENSION VISTA SYSTEMS							
Acetaminofeno (ACTM)	µg/mL	14.0	10.4 – 17.5	42.2	36.8 – 47.7	126	115 – 137
Ácido valpróico (VALP)	µg/mL	34.8	28.2 – 41.3	80.3	68.0 – 92.5	105	89.7 – 120
AFP	ng/mL	17.2	14.2 – 20.1	98.4	85.8 – 111	211	185 – 237
Amikacina	µg/mL	4.67	3.89 – 5.45	13.7	10.9 – 16.5	24.0	18.3 – 29.7
Cafeína	µg/mL	2.07	1.31 – 2.83	6.95	5.11 – 8.78	14.8	11.2 – 18.3
Carbamacepina (CRBM)	µg/mL	▲		▲		▲	
CEA	ng/mL	1.96	1.67 – 2.26	19.7	17.4 – 21.9	39.4	34.9 – 43.8
Digoxina (DGXN)	ng/mL	0.799	0.620 – 0.978	2.10	1.72 – 2.49	3.64	3.04 – 4.23
Estradiol	pg/mL	86.4	65.8 – 107	264	229 – 299	512	456 – 567
Fenitoína (PTN)	µg/mL	7.35	5.76 – 8.94	14.8	12.3 – 17.2	26.4	22.5 – 30.2
Fenobarbital (PHNO)	µg/mL	10.2	7.22 – 13.1	26.3	22.0 – 30.5	49.3	43.2 – 55.4
Ferritina (FERR)	ng/mL	55.6	48.7 – 62.5	157	136 – 178	370	319 – 420
Folato (FOL)	ng/mL	2.40	1.61 – 3.19	5.45	4.12 – 6.79	9.76	7.65 – 11.9
Gentamicina (GENT)	µg/mL	2.32	1.85 – 2.79	4.80	4.06 – 5.55	7.32	6.30 – 8.33
hCG (Beta, BHCG)	mIU/mL	7.25	5.48 – 9.02	20.3	16.3 – 24.3	260	212 – 308
Hierro	µg/dL	110	86.6 – 133	74.0	50.7 – 97.3	74.6	51.3 – 97.9
Hierro (TIBC)	µg/dL	▲		▲		▲	
Hormona estimulante del foliculo (FSH)	mIU/mL	7.41	6.68 – 8.13	18.5	16.9 – 20.2	34.7	31.7 – 37.8
Hormona estimulante del tiroides (TSH)	µUI/mL	0.420	0.350 – 0.489	5.77	4.51 – 7.03	36.9	28.7 – 45.0
Hormona luteinizante (LH)	mIU/mL	1.60	1.25 – 1.94	20.9	18.9 – 22.8	78.3	71.4 – 85.1
Inmunoglobulina A (IgA)	mg/dL	191	166 – 217	158	134 – 182	159	135 – 183
Inmunoglobulina E (IgE)	UI/mL	334	291 – 377	98.2	82.4 – 114	110	92.6 – 127
Inmunoglobulina G (IgG)	mg/dL	855	746 – 964	727	629 – 824	721	623 – 818
Inmunoglobulina M (IgM)	mg/dL	81.0	71.5 – 90.5	68.9	59.6 – 78.3	65.1	55.9 – 74.2
Lidocaina (LIDO)	µg/mL	1.44	1.14 – 1.73	3.74	3.22 – 4.26	7.80	6.88 – 8.71
Litio (LITH)	mmol/L	0.470	0.284 – 0.656	1.21	0.992 – 1.42	1.82	1.57 – 2.06
N-Acetilprocainamida (NAPA)	µg/mL	1.59	1.04 – 2.13	4.19	3.39 – 4.98	8.80	7.42 – 10.2
Procainamida (PROC)	µg/mL	2.33	1.76 – 2.90	9.64	8.04 – 11.2	16.2	13.8 – 18.6
Progesterona (PROG)	ng/mL	0.781	0.512 – 1.05	9.58	8.35 – 10.8	22.4	19.6 – 25.3
Prolactina (PRL)	ng/mL	6.29	5.57 – 7.01	19.2	17.3 – 21.1	41.8	37.9 – 45.7
PSA (libre) (FPSA)	ng/mL	▲		▲		▲	
PSA (total) (TPSA)	ng/mL	0.584	0.397 – 0.771	2.89	2.29 – 3.48	18.4	15.1 – 21.7
Salicilato (SAL)	mg/dL	4.93	4.14 – 5.71	16.3	14.4 – 18.3	43.0	38.4 – 47.7
T3 (Captación)/T (Captación) (%), TU)	Captación %	35.5	29.5 – 41.4	42.5	35.0 – 50.0	45.4	37.3 – 53.6

BIO-RAD Lyphocheck® Immunoassay Plus Control, Levels 1, 2 and 3

INSTRUMENTO (1)

	Unidades	Nivel 1 - 40431		Nivel 2 - 40432		Nivel 3 - 40433	
		Media	Rango	Media	Rango	Media	Rango
SIEMENS DIMENSION VISTA SYSTEMS (continuación)							
T3 (libre) (FT3)	pg/mL	2.22	1.64 – 2.79	9.31	7.53 – 11.1	16.9	14.5 – 19.3
T4 (libre) (FT4)	ng/dL	0.991	0.854 – 1.13	2.49	2.19 – 2.79	5.10	4.51 – 5.70
T4 (total) (T4)	µg/dL	6.38	4.24 – 8.51	12.6	10.2 – 15.1	16.2	13.6 – 18.8
Teofilina (THEO)	µg/mL	4.75	3.85 – 5.65	15.3	12.9 – 17.7	27.1	23.1 – 31.1
Tobramicina (TOBR)	µg/mL	0.638	0.350 – 0.925	2.69	2.18 – 3.20	6.10	5.22 – 6.98
Vancomicina (VANC)	µg/mL	6.45	5.02 – 7.87	17.0	14.2 – 19.8	29.2	24.8 – 33.6
Vitamina B12 (VB12)	pg/mL	361	302 – 420	572	498 – 646	808	717 – 899
SIEMENS IMMULITE / IMMULITE 1000							
AFP	ng/mL	17.0	10.3 – 23.6	102	64.1 – 140	219	138 – 300
Androstendiona	ng/mL	1.23	0.610 – 1.84	3.45	2.06 – 4.83	7.01	4.38 – 9.63
CEA	ng/mL	2.43	1.32 – 3.55	24.4	18.1 – 30.8	48.7	36.5 – 60.8
Cortisol	µg/dL	2.29	1.10 – 3.48	16.8	11.9 – 21.7	24.9	17.8 – 32.0
Dehidroepiandrosterona sulfato (DHEA Sulfato)	µg/dL	63.2	39.0 – 87.4	130	84.6 – 176	506	339 – 672
Estradiol	pg/mL	89.3	54.7 – 124	286	198 – 374	602	427 – 776
Estriol (libre) (UE3)	ng/mL	1.36	0.671 – 2.06	5.19	3.44 – 6.93	>11.2	
Ferritina	ng/mL	63.6	48.5 – 78.7	151	109 – 192	335	238 – 432
hCG	mIU/mL	7.50	3.68 – 11.3	21.9	14.5 – 29.4	321	238 – 405
hCG (Turbo)	mIU/mL	9.88	5.46 – 14.3	28.7	19.5 – 37.8	391	305 – 476
Hormona estimulante del foliculo (FSH)	mIU/mL	8.41	6.71 – 10.1	23.2	18.4 – 28.1	43.1	34.0 – 52.2
Hormona estimulante de la tiroides (TSH) (Gen. 3)	µIU/mL	0.478	0.394 – 0.562	5.89	4.25 – 7.53	35.7	25.5 – 46.0
Hormona estimulante de la tiroides (TSH) (Rapid)	µIU/mL	0.486	0.400 – 0.572	5.86	4.23 – 7.49	31.5	22.5 – 40.6
Hormona Humana del Crecimiento (hGH) (LKGRH)	ng/mL	3.13	2.12 – 4.14	8.41	6.31 – 10.5	15.9	12.2 – 19.6
Hormona luteinizante (LH)	mIU/mL	1.63	1.17 – 2.10	19.6	15.2 – 24.1	62.4	48.5 – 76.3
Inmunoglobulina E (IgE) (Rgt. Lots 401+)	UI/mL	329	231 – 426	98.2	73.3 – 123	111	82.2 – 140
Progesterona (LKPW1)	ng/mL	0.700	0.337 – 1.06	9.37	6.40 – 12.3	24.4	16.9 – 31.9
Prolactina	ng/mL	7.80	5.80 – 9.80	21.7	16.2 – 27.2	44.9	33.6 – 56.2
PSA (libre)	ng/mL	0.279	0.163 – 0.396	1.44	1.05 – 1.83	9.46	7.14 – 11.8
PSA (total)	ng/mL	0.651	0.433 – 0.869	3.19	2.37 – 4.00	19.3	14.7 – 23.9
PSA (total) (Gen. 3)	ng/mL	0.511	0.317 – 0.705	2.32	1.71 – 2.93	15.8	12.0 – 19.7
T3 (Captación)/T (Captación)	Captación %	27.3	21.7 – 32.8	34.2	27.4 – 40.9	40.4	32.2 – 48.5
T3 (libre)	pg/mL	3.01	1.87 – 4.15	6.76	4.82 – 8.70	10.5	7.85 – 13.1
T3 (total)	ng/dL	69.9	<40.0 – 102	216	148 – 284	368	263 – 473
T4 (libre)	ng/dL	1.21	0.938 – 1.49	3.10	2.35 – 3.84	4.75	3.59 – 5.91
T4 (total)	µg/dL	5.69	3.67 – 7.72	11.2	7.95 – 14.4	14.3	10.4 – 18.3
Testosterona	ng/dL	119	85.2 – 152	468	375 – 561	1033	843 – 1223
Tiroglobulina (Tg)	ng/mL		2.41 – >3.00	1.02	0.386 – 1.66	2.51	1.87 – >3.00
Vitamina B12	pg/mL	383	204 – 561	725	441 – 1009		792 – >1200
SIEMENS IMMULITE 2000 / 2000 XPI							
Ácido valpróico	µg/mL	30.4	24.2 – 36.7	80.4	65.6 – 95.2	113	92.3 – 133
ACTH	pg/mL	42.9	21.0 – 64.8	236	146 – 326	513	325 – 700
AFP	ng/mL	16.5	11.4 – 21.5	97.4	65.2 – 129	204	136 – 272
Androstendiona	ng/mL	0.977	0.521 – 1.43	3.36	2.09 – 4.63	7.03	4.51 – 9.55
Androstendiona (Rgt. Lots 479 and above)	ng/mL	0.750	0.294 – 1.21	2.95	1.68 – 4.22	5.52	3.00 – 8.04
Calcitonina	pg/mL	27.0	14.2 – 39.9	173	125 – 221	366	272 – 460
Carbamacepina	µg/mL	2.26	1.67 – 2.85	6.56	5.18 – 7.94	10.8	8.68 – 13.0
CEA	ng/mL	2.54	1.67 – 3.41	25.5	19.5 – 31.6	49.2	37.8 – 60.6
Cortisol	µg/dL	2.39	1.43 – 3.35	15.5	11.5 – 19.5	24.8	18.7 – 31.0
Dehidroepiandrosterona sulfato (DHEA Sulfato) (DHEA-Sulfate)	µg/dL	58.9	39.2 – 78.6	131	92.4 – 169	459	336 – 583
Digoxina	ng/mL	0.828	0.515 – 1.14	2.17	1.62 – 2.72	3.71	2.89 – 4.53
Estradiol	pg/mL	105	68.4 – 141	328	245 – 411	679	525 – 833
Estriol (libre)	ng/mL	1.25	0.724 – 1.77	5.02	3.57 – 6.46		9.47 – >12.0
Fenitoína	µg/mL	5.87	3.76 – 7.98	12.6	8.99 – 16.2	23.4	17.4 – 29.5
Fenobarbital	µg/mL	9.31	7.65 – 11.0	23.4	19.5 – 27.3	48.8	40.9 – 56.6
Ferritina	ng/mL	64.5	49.4 – 79.6	163	123 – 202	374	283 – 466
Folato	ng/mL	3.47	2.34 – 4.59	7.67	4.99 – 10.4	13.9	8.92 – 18.9

BIO-RAD Lyphocheck® Immunoassay Plus Control, Levels 1, 2 and 3

INSTRUMENTO (1)

	Unidades	Nivel 1 - 40431		Nivel 2 - 40432		Nivel 3 - 40433	
		Media	Rango	Media	Rango	Media	Rango
SIEMENS IMMULITE 2000 / 2000 XPi (continuación)							
Fosfatasa Ácida Prostática (PAP)	ng/mL	1.49	1.03 - 1.95	20.1	15.4 - 24.9	47.1	36.1 - 58.0
Gastrina	pg/mL	67.1	36.7 - 97.4	361	235 - 487	721	477 - 964
Globulina fijadora de tiroxina (TBG)	µg/mL	17.4	12.7 - 22.1	13.9	9.02 - 18.9	14.5	9.64 - 19.3
hCG	mIU/mL	9.51	5.30 - 13.7	23.4	16.0 - 30.9	280	210 - 350
Hormona estimulante del folículo (FSH)	mIU/mL	8.13	6.41 - 9.85	23.1	18.2 - 28.0	44.2	34.8 - 53.7
Hormona estimulante del tiroides (TSH) (Gen. 3)	µIU/mL	0.460	0.367 - 0.553	5.90	4.33 - 7.47	33.3	24.1 - 42.5
Hormona estimulante del tiroides (TSH) (Rapid)	µIU/mL	0.491	0.398 - 0.584	6.27	4.60 - 7.95	30.8	22.3 - 39.4
Hormona Humana del Crecimiento (hGH) (L2KGRH/L5KGRH)	ng/mL	3.35	2.62 - 4.08	8.68	6.85 - 10.5	15.2	12.0 - 18.3
Hormona luteinizante (LH)	mIU/mL	1.44	0.968 - 1.92	17.1	12.8 - 21.4	52.7	39.7 - 65.7
IGF-1/Somatomedina-C	ng/mL	103	69.2 - 137	109	72.7 - 145	95.4	64.1 - 127
Inmunoglobulina E (IgE)	UI/mL	346	234 - 458	102	70.4 - 134	114	78.2 - 149
Péptido C	ng/mL	1.32	0.915 - 1.72	5.01	3.78 - 6.25	8.30	6.32 - 10.3
Progesterona	ng/mL	0.675	0.422 - 0.928	8.56	6.13 - 11.0	20.1	14.5 - 25.8
Prolactina	ng/mL	7.42	5.70 - 9.14	19.9	15.6 - 24.2	41.5	32.8 - 50.2
PSA (libre)	ng/mL	0.292	0.190 - 0.393	1.57	1.15 - 1.98	10.1	7.58 - 12.6
PSA (total)	ng/mL	0.640	0.308 - 0.972	2.88	1.97 - 3.80	18.8	13.6 - 24.1
T3 (Captación)/T (Captación)	Captación %	27.6	23.3 - 32.0	35.3	28.7 - 41.9	40.7	32.4 - 49.0
T3 (libre)	pg/mL	3.05	1.92 - 4.18	6.75	5.00 - 8.49	9.96	7.67 - 12.2
T3 (total)	ng/dL	73.8	49.3 - 98.3	213	165 - 262	367	292 - 442
T4 (libre) (L2KFT4/L5KFT4)	ng/dL	1.18	0.950 - 1.40	2.94	2.34 - 3.53	4.50	3.58 - 5.42
T4 (total)	µg/dL	5.29	3.73 - 6.86	10.9	8.10 - 13.7	12.9	9.62 - 16.1
Teofilina	µg/mL	4.61	3.03 - 6.19	15.3	11.1 - 19.5	26.7	19.6 - 33.8
Testosterona	ng/dL	130	77.2 - 182	484	317 - 650	1102	736 - 1468
Tiroglobulina (Tg)	ng/mL	2.22	1.00 - 3.43	0.621	<0.200 - 1.24	2.80	1.36 - 4.24
Vitamina B12	pg/mL	332	233 - 432	608	435 - 781	810	583 - >1000
SNIBE MAGLUMI (2)							
17-Alfa Hidroxiprogesterona	ng/mL	0.630	0.441 - 0.819	2.16	1.51 - 2.81	6.38	4.47 - 8.29
AFP	UI/mL	14.8	10.4 - 19.2	83.5	58.5 - 109	187	131 - 243
Aldosterona	pg/mL	73.9	51.7 - 96.1	176	123 - 229	514	360 - 668
Aldosterona (II)	pg/mL	124	86.8 - 161	256	179 - 333	762	533 - 991
Androstendiona	ng/mL	0.875	0.613 - 1.14	2.33	1.63 - 3.03	4.16	2.91 - 5.41
cAFP	UI/mL	14.4	10.1 - 18.7	85.7	60.0 - 111	188	132 - 244
CEA	ng/mL	2.46	1.72 - 3.20	21.4	15.0 - 27.8	38.6	27.0 - 50.2
Cortisol	ng/mL	31.1	21.8 - 40.4	211	148 - 274	343	240 - 446
Dehidroepiandrosterona sulfato (DHEA Sulfato)	µg/dL	73.0	51.1 - 94.9	216	151 - 281	582	407 - 757
Digoxina	ng/mL	0.568	0.398 - 0.738	2.24	1.57 - 2.91	3.77	2.64 - 4.90
Estradiol	pg/mL	88.6	62.0 - 115	442	309 - 575	927	649 - 1205
Estriol (libre)	ng/mL	1.37	0.959 - 1.78	4.59	3.21 - 5.97	11.0	7.70 - 14.3
Ferritina	ng/mL	78.2	54.7 - 102	258	181 - 335	623	436 - 810
Folato	ng/mL	2.05	1.44 - 2.67	5.15	3.61 - 6.70	7.82	5.47 - 10.2
hCG	mIU/mL	8.30	5.81 - 10.8	21.9	15.3 - 28.5	281	197 - 365
Hormona estimulante del folículo (FSH)	mIU/mL	8.33	5.83 - 10.8	24.5	17.2 - 31.9	49.9	34.9 - 64.9
Hormona estimulante del tiroides (TSH)	µIU/mL	0.510	0.357 - 0.663	6.27	4.39 - 8.15	39.8	27.9 - 51.7
Hormona Humana del Crecimiento (hGH)	ng/mL	4.25	2.98 - 5.53	11.8	8.26 - 15.3	21.1	14.8 - 27.4
Inmunoglobulina E (IgE)	UI/mL	311	218 - 404	89.2	62.4 - 116	102	71.4 - 133
Insulina	µIU/mL	16.0	11.2 - 20.8	65.3	45.7 - 84.9	175	123 - >200
Péptido C	ng/mL	2.08	1.46 - 2.70	6.21	4.35 - 8.07	9.95	6.97 - 12.9
Progesterona	ng/mL	0.353	0.247 - 0.459	10.7	7.49 - 13.9	20.5	14.4 - 26.7
Prolactina	µIU/mL	160	112 - 208	469	328 - 610	968	678 - 1258
PSA (libre)	ng/mL	0.254	0.178 - 0.330	1.52	1.06 - 1.98	11.2	7.84 - 14.6
PSA (total)	ng/mL	0.526	0.368 - 0.684	2.71	1.90 - 3.52	16.6	11.6 - 21.6
T3 (libre)	pg/mL	2.79	1.95 - 3.63	9.44	6.61 - 12.3	17.9	12.5 - 23.3
T3 (total)	ng/mL	0.860	0.602 - 1.12	2.02	1.41 - 2.63	3.06	2.14 - 3.98
T4 (libre)	pg/mL	12.6	8.82 - 16.4	32.7	22.9 - 42.5	57.6	40.4 - 74.9
T4 (total)	ng/mL	71.6	50.1 - 93.1	129	90.3 - 168	156	109 - 203

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INSTRUMENTO (1)

	Unidades	Nivel 1 - 40431		Nivel 2 - 40432		Nivel 3 - 40433	
		Media	Rango	Media	Rango	Media	Rango
SNIBE MAGLUMI (2) (continuación)							
Testosterona (Libre)	pg/mL	5.53	3.87 – 7.19	17.5	12.3 – 22.8	42.2	29.5 – 54.9
Vitamina B12	pg/mL	302	211 – 393	467	327 – 607	750	525 – 975
TOSOH AIA SYSTEMS (2)							
ACTH (ST AIA-PACK)	pg/mL	36.9	25.9 – 48.0	125	87.2 – 162	275	192 – 357
AFP (ST AIA-PACK)	ng/mL	17.8	12.5 – 23.1	102	71.5 – 133	212	149 – 276
CEA (ST AIA-PACK)	ng/mL	2.90	2.00 – 3.80	22.5	15.8 – 29.3	44.3	31.0 – 57.6
Cortisol (ST AIA-PACK)	µg/dL	3.00	2.10 – 3.90	19.2	13.4 – 25.0	28.8	20.2 – 37.4
Dehidroepiandrosterona sulfato (DHEA Sulfato) (ST AIA-PACK)	µg/dL	77.8	54.4 – 101	174	122 – 227	561	393 – 729
Estradiol (REF E2-025274)	pg/mL	240	168 – 313	634	444 – 825	1433	1003 – 1862
Estradiol (REF HSE2-025225)	pg/mL	83.8	58.7 – 109	288	202 – 374	493	345 – 641
Ferritina (ST AIA-PACK)	ng/mL	51.9	36.3 – 67.5	129	90.0 – 167	286	200 – 372
Folato (AIA-PACK)	ng/mL	3.75	2.63 – 4.88	7.67	5.37 – 9.97	12.5	8.76 – 16.3
Fosfatasa Ácida Prostática (PAP) (ST AIA-PACK)	ng/mL	1.20	0.800 – 1.60	16.2	11.3 – 21.1	37.7	26.4 – >40.0
hCG (Total Beta, ST AIA-PACK)	mUI/mL	8.00	5.60 – 10.4	22.4	15.7 – 29.1	257	180 – 334
Hormona estimulante del folículo (FSH) (ST AIA-PACK)	mUI/mL	10.9	7.60 – 14.2	28.5	20.0 – 37.1	52.7	36.9 – 68.5
Hormona estimulante del tiroides (TSH) (ST AIA-PACK)	µUI/mL	0.420	0.290 – 0.550	5.75	4.03 – 7.48	32.4	22.7 – 42.1
Hormona estimulante del tiroides (TSH) (TSH3G, AIA-PACK)	µUI/mL	0.420	0.290 – 0.550	5.70	3.99 – 7.41	32.6	22.8 – 42.3
Hormona Humana del Crecimiento (hGH) (ST AIA-PACK)	ng/mL	3.34	2.34 – 4.34	9.12	6.38 – 11.9	16.7	11.7 – 21.7
Hormona luteinizante (LH) (II, ST AIA-PACK)	mUI/mL	1.30	0.900 – 1.70	17.0	11.9 – 22.1	65.9	46.1 – 85.7
Inmunoglobulina E (IgE) (II, ST AIA-PACK)	UI/mL	310	217 – 402	90.2	63.1 – 117	102	71.2 – 132
Insulina (IRI, ST AIA-PACK)	µUI/mL	17.1	12.0 – 22.2	63.4	44.4 – 82.4	179	125 – 232
Péptido C (II, ST AIA-PACK)	ng/mL	1.45	1.02 – 1.89	5.06	3.54 – 6.58	8.15	5.71 – 10.6
Progesterona (ST AIA-PACK, Cat.No.0036281)	ng/mL	§		§		§	
Progesterona (ST AIA-PACK, PROGII)	ng/mL	0.250	0.180 – 0.330	12.8	8.98 – 16.7	31.2	21.8 – >40.0
Progesterona (ST AIA-PACK, PROGIII) (Cal Lot G33CC359)	ng/mL	0.510	0.360 – 0.660	14.9	10.5 – 19.4	34.7	24.3 – >40.0
Prolactina	ng/mL	1.20	<1.00 – 1.60	5.40	3.80 – 7.00	5.20	3.60 – 6.80
PSA (total) (ST AIA-PACK)	ng/mL	0.630	0.440 – 0.820	2.77	1.94 – 3.60	17.0	11.9 – 22.1
T3 (Captación)/T (Captación) (ST AIA-PACK)	Captación %	34.2	23.9 – 44.5	43.7	30.6 – 56.8	47.6	33.3 – >60.0
T3 (libre) (ST AIA-PACK)	pg/mL	2.89	2.02 – 3.76	10.9	7.61 – 14.1	23.9	16.7 – >25.0
T3 (total) (ST AIA-PACK)	ng/mL	0.920	0.640 – 1.20	2.19	1.53 – 2.85	3.44	2.41 – 4.47
T4 (libre) (ST AIA-PACK)	ng/dL	1.11	0.780 – 1.44	2.95	2.07 – 3.84	4.99	3.49 – 6.49
T4 (total) (ST AIA-PACK)	µg/dL	5.60	3.90 – 7.30	10.0	7.00 – 13.0	13.2	9.20 – 17.2
Testosterona (ST AIA-PACK)	ng/dL	108	75.4 – 140	472	330 – 614	1198	839 – 1558
Vitamina B12 (AIA-PACK)	pg/mL	428	300 – 556	757	530 – 984	1029	720 – 1338
Vitamina D 25-hidróxido (AIA-PACK)	ng/mL	20.8	14.6 – 27.0	26.7	18.7 – 34.7	28.1	19.7 – 36.5
YHLO iFlash (2)							
ACTH	pg/mL	42.4	27.5 – 57.2	183	119 – 248	423	275 – 572
AFP	ng/mL	19.1	12.4 – 25.8	108	70.1 – 146	233	151 – 314
CEA	ng/mL	2.80	1.82 – 3.78	18.7	12.2 – 25.3	35.2	22.9 – 47.5
Cortisol	µg/dL	1.68	1.09 – 2.27	16.6	10.8 – 22.4	25.3	16.5 – 34.2
Dehidroepiandrosterona sulfato (DHEA Sulfato)	ng/mL	689	448 – 931	2001	1300 – 2701	6150	3998 – 8303
Estradiol	pg/mL	52.4	34.1 – 70.7	273	178 – 369	688	447 – 928
Ferritina	ng/mL	74.3	48.3 – 100	201	131 – 272	455	296 – 614
Folato	ng/mL	11.3	7.33 – 15.2	18.7	12.1 – >20.0	>20.0	
hCG	mUI/mL	5.16	3.35 – 6.97	21.7	14.1 – 29.4	209	136 – 283
Hormona estimulante del folículo (FSH)	mUI/mL	7.74	5.03 – 10.5	23.8	15.5 – 32.2	52.6	34.2 – 70.9
Hormona estimulante del tiroides (TSH)	µUI/mL	0.530	0.340 – 0.720	7.40	4.81 – 9.99	43.3	28.2 – 58.5
Hormona Humana del Crecimiento (hGH)	ng/mL	4.21	2.74 – 5.68	11.0	7.14 – 14.8	21.6	14.0 – 29.1
Hormona luteinizante (LH)	mUI/mL	1.84	1.20 – 2.48	23.9	15.5 – 32.2	91.1	59.2 – 123
Insulina	µUI/mL	16.9	11.0 – 22.8	59.6	38.8 – 80.5	182	118 – 245
Péptido C	ng/mL	1.96	1.27 – 2.65	6.00	3.90 – 8.10	9.20	5.98 – 12.4
Progesterona	ng/mL	0.140	<0.100 – 0.190	12.7	8.26 – 17.2	28.3	18.4 – 38.3
Prolactina	ng/mL	9.06	5.89 – 12.2	24.3	15.8 – 32.9	50.1	32.6 – 67.6
PSA (libre)	ng/mL	0.490	0.320 – 0.660	2.01	1.31 – 2.71	11.4	7.38 – 15.3
PSA (total)	ng/mL	0.780	0.510 – 1.05	3.98	2.59 – 5.37	30.2	19.6 – 40.7

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INSTRUMENTO (1)

	Unidades	Nivel 1 - 40431		Nivel 2 - 40432		Nivel 3 - 40433	
		Media	Rango	Media	Rango	Media	Rango
YHLO iFlash (2) (continuación)							
Subunidad beta hCG (Free)	mUI/mL	<0.100		<0.100		1.22	0.790 – 1.65
T3 (libre)	pg/mL	2.90	1.89 – 3.92	7.56	4.91 – 10.2	10.5	6.82 – 14.2
T3 (total)	ng/mL	0.900	0.590 – 1.22	2.43	1.58 – 3.28	3.54	2.30 – 4.78
T4 (libre)	pg/mL	10.3	6.70 – 13.9	24.7	16.0 – 33.3	39.3	25.6 – 53.1
T4 (total)	ng/mL	60.1	39.1 – 81.1	117	76.3 – 158	148	96.4 – 200
Testosterona	ng/mL	0.830	0.540 – 1.12	3.68	2.39 – 4.97	7.86	5.11 – 10.6
Vitamina B12	pg/mL	427	278 – 577	702	456 – 948	1045	679 – 1411
Vitamina D 25-hidróxido	ng/mL	22.2	14.4 – 29.9	25.4	16.5 – 34.3	26.1	17.0 – 35.2
Zybio EXI Series (2)							
Hormona estimulante del tiroides (TSH) (CLIA)	μUI/mL	0.517	0.362 – 0.672	6.36	4.45 – 8.27	35.5	24.9 – 46.2
T3 (libre) (CLIA)	pg/mL	2.86	2.00 – 3.72	10.4	7.28 – 13.5	15.9	11.1 – 20.7
T3 (total) (CLIA)	ng/mL	0.871	0.610 – 1.13	2.21	1.55 – 2.87	3.42	2.39 – 4.45
T4 (libre) (CLIA)	ng/dL	1.19	0.837 – 1.55	2.82	1.98 – 3.67	4.01	2.81 – 5.21
T4 (total) (CLIA)	ng/mL	72.6	50.8 – 94.6	120	84.5 – 157	148	104 – 192

NOTAS AL PIE DE PÁGINA

(1) Es posible que no todas las notas al pie sean de aplicación para la tabla de datos personalizada que ha seleccionado.

(2) Los valores asignados se determinaron utilizando el protocolo del fabricante del reactivo o instrumento y puede que no representen rangos de $\pm 3s$.

(3) Para el factor de conversión, consulte las instrucciones de uso del fabricante.

▲ En este momento no se dispone de datos. Consulte cualquier duda.

§ Debido a la limitada participación, no se obtuvieron los datos necesarios para calcular las medias y los rangos aceptables para este ensayo. Si su centro está interesado en participar en el Programa de Asignación de Valores de este ensayo, pónganse en contacto con su oficina local de Bio-Rad.

■ Datos no aplicables o no disponibles.