

cobas e 601, cobas e 602 Assays Specifications

Chers utilisateurs, nous vous prions de trouver ci dessous les spécifications de répétabilité et reproductibilité pour les modules cobas e 601/e 602.

Dans cette mise à jour de Janvier 2025 ont été ajoutés:

- Les tests Elecsys® présentant un seuil de tolérance augmenté à la biotine: Folate III, PTH
- Les nouveaux tests Elecsys® Cortisol III Urine, Interferon Gamma, Anti HEV IgG et IgM, HBeAg quant

Les barres verticales dans les marges signalent les dernières modifications.

Utilisation des données :

Les colonnes 1 et 3, Specified repeatability (within-run precision) et Specified intermediate precision (within lab preci.) correspondent respectivement aux spécifications fournisseurs de répétabilité et de reproductibilité.

Les colonnes 2 et 4, Internal eval. Repeatability et Internal eval. Intermediate prec. présentent des résultats d'évaluations interne, ces données ne doivent pas être considérées comme des spécifications fournisseur.



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Elecsys Assay	Specified repeatability (within-run precision)	Internal eval. repeatability	Specified intermediate precision (within lab preci.)	Internal eval. Intermediate prec.	Specified intermodule precision	Internal eval. intermodule prec.
FT3 III	LEMR - 3 pmol/L $\leq$ 0.15 pmol/L SD > 3 pmol/L to HEMR $\leq$ 5% CV	0.067 pmol/I SD 2.1, 1.4, 1.3, 0.8% CV	LEMR - 3 pmol/L $\leq$ 0.25 pmol/L SD > 3 pmol/L to HEMR $\leq$ 8% CV	0.081 pmol/I SD 2.5, 1.8, 1.5, 0.9% CV	n/a	n/a
FT4 III	0.5 - 6 pmol/I $\leq$ 0.3 pmol/I SD > 6-100 pmol/I $\leq$ 5% CV	0.103 pmol/I SD 2.4, 2.2, 1.5, 2.6, 2% CV	0.5 - 6 pmol/I $\leq$ 0.5 pmol/I SD > 6-100 pmol/I $\leq$ 8% CV	0.131 pmol/I SD 2.6, 2.4, 2.5, 3.6, 2.1% CV	0.5 - 6 pmol/I $\leq$ 0.54 pmol/I SD > 6-100 pmol/I $\leq$ 9% CV	0.156 pmol/I SD 1.7, 2.8, 2.0, 5.4, 1.8, 2.4 pmol/I CV
FT4 IV	LEMR to 6 pmol/L $\leq$ 0.3 pmol/L SD > 6 pmol/L to HEMR $\leq$ 5% CV	0.077 pmol/LSD 1.4, 1.1, 0.9, 1.9% CV	LEMR to 6 pmol/L $\leq$ 0.5 pmol/L SD > 6 pmol/L to HEMR $\leq$ 8% CV	0.100 pmol/I 1.8, 1.6, 1.9, 3.0% CV	n/a	n/a
T3	LEMR - 0.7 nmol/I $\leq$ 0.028 nmol/I SD >0.7-1.2 nmol/I $\leq$ 4% CV >1.2 nmol/I-HEMR $\leq$ 3% CV	0.020 nmol/I SD 2.5% CV 2.4, 1.7, 2.0 1.8, 2.1% CV	LEMR - 0.7 nmol/I $\leq$ 0.042 nmol/I SD >0.7-2.5 nmol/I 6% CV >2.5 nmol/I -HEoMR 7% CV	0.033 nmol/I SD 3.0, 3.1, 3.3% CV 2.3, 2.4, 2.4% CV	n/a	n/a
T4	LEMR - 35 nmol/I $\leq$ 1.75 nmol/I SD >35-65 nmol/I $\leq$ 5% CV >65 nmol/I -HEMR $\leq$ 3% CV	0.165/0.392 nmol/L SD 3.4% CV 2.2, 1.9, 2.5% CV	LEMR - 35 nmol/I $\leq$ 2.45 nmol/I SD >35-65 nmol/I $\leq$ 7% CV >65-160 nmol/I $\leq$ 4% CV >160 nmol/I -HEMR $\leq$ 5% CV	0.469 / 0.967 nmol/I SD 5.1% CV 4.3% CV 4.3, 4.2% CV	n/a	n/a
TSH	LEMR -0.2 μ U/ml $\leq$ 0.01 μ IU/ml SD > 0.2-100 μ IU/ml $\leq$ 5% CV	0.002, 0.004 μ IU/ml SD 2, 1.3, 1.8, 2.2, 1.6, 1.5% CV	LEMR -0.2 μ U/ml $\leq$ 0.02 μ IU/ml SD > 0.2-100 μ IU/ml $\leq$ 10% CV	0.002, 0.005 μ IU/ml SD 2.7, 2.3, 2.5, 2.4% CV	LEMR -0.2 μ U/ml $\leq$ 0.02 μ IU/ml SD > 0.2-100 μ IU/ml $\leq$ 11% CV	N/A
T-uptake	0.6-1.4 TBI $\leq$ 4% CV < 0.6 TBI (not specified) > 1.4 TBI (not specified)	2, 2.6, 0.8, 3.1% CV	0.6-0.9 TBI $\leq$ 5% CV 0.9-1.4 TBI $\leq$ 4% CV < 0.6 TBI (not specified) > 1.4 TBI (not specified)	4.9, 4.9% CV 2.4, 3.9% CV 1.5% CV	0.6-0.9 TBI $\leq$ 6% CV 0.9-1.4 TBI $\leq$ 5% CV < 0.6 TBI (not spec.) > 1.4 TBI (not spec.)	5.6% CV 3.7, 3.8, 2.5% CV 2% CV
Tg II	LEMR - 0.5 ng/ml SD $\leq$ 0.04 ng/ml > 0.5 ng/ml - HEMR $\leq$ 8% CV	0.006 ng/ml SD 3.2, 1.8, 2.6, 2.2% CV	LEMR - 0.5 ng/ml SD $\leq$ 0.05 ng/ml > 0.5 ng/ml - HEMR $\leq$ 10% CV	0.006 ng/ml SD 3.2, 2.2, 2.7, 2.6% CV	n/a	n/a
Calcitonin	LEMR to 10 pg/mL SD $\leq$ 0.5 pg/mL > 10 pg/mL to HEMR CV $\leq$ 5.0 %	0.029 pg/ml SD 1.2, 3.1, 1.4, 2.9% CV	LEMR to 10 pg/mL SD $\leq$ 0.6 pg/mL > 10 pg/mL to HEMR CV $\leq$ 6.0 %	0.065 pg/ml SD 2.3, 3.1, 2.3, 3.3% CV	n/a	n/a



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Anti-TG	50-75 IU/ml <15% CV 75-1000 IU/ml < 8% CV > 2000 IU/ml < 16% CV	4, 4.9% CV 3, 2.7, 1.3, 2% CV 1.3 1.6% CV	50-75 IU/ml <20% CV 75-1000 IU/ml < 10% CV > 2000 IU/ml < 20% CV	6.3% CV 5.7, 3.2, 2.1% CV 3.4% CV	50-75 IU/ml <25% CV 75-1000 IU/ml < 13% CV > 2000 IU/ml < 27% CV	4, 2.5, 3.6% CV 2.8, 3.3, 3.8% CV
Anti-TPO	15-40 IU/ml ≤ 10% CV > 40 IU/ml ≤ 7% CV	6, 3.3, 5.5% CV 5.1, 2.6, 2.7% CV	15-40 IU/ml ≤ 15% CV > 40 IU/ml ≤ 10% CV	9.2, 9.5% CV 4.3, 6.1, 4.2% CV	15-40 IU/ml ≤ 18% CV > 40 IU/ml ≤ 12% CV	5.3, 5.1% CV 1.5, 3.3, 2.4% CV
Anti-TSHR	1.1-5 IU/l ≤ 0.3 IU/l SD ≥5-40 IU/l < 6% CV	0.105, 0.14, 0.114, 0.145 IU/l SD 1.1, 0.8, 1.9% CV	1.1-5 IU/l ≤ 0.35 IU/l SD ≥5-40 IU/l < 7% CV	0.129, 0.161, 0.144, 0.178 IU/l SD 1.5, 1.3, 2.2% CV	n/a	n/a



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CK-MB	0.3-5 ng/ml 0.15 ng/ml SD >5-15 ng/ml ≤ 3% CV >15 ng/ml ≤ 5% CV	0.02, 0.04 ng/ml 0.7% CV 1.2, 1.0% CV	0.3-5 ng/ml 0.25 ng/ml SD >5-15 ng/ml ≤ 5% CV >15 ng/ml ≤ 10% CV	0.04 ng/ml SD 1.6% CV 1.6, 2.1% CV	0.3-5 ng/ml 0.3 ng/ml SD >5-15 ng/ml ≤ 6% CV >15 ng/ml ≤ 10% CV	0.04 ng/ml 1.1% CV 5.7, 3.2% CV
GDF-15	LEMR-800 pg/mL ≤ 40 pg/mL SD > 800 pg/mL – HEMR ≤ 5% CV	5,62 pg/mL SD 1.5, 1.1, 1.0, 1.2, 1.2% CV	LEMR-800 pg/mL ≤ 80 pg/mL SD > 800 pg/mL – HEMR ≤ 10% CV	10.1 pg/mL SD 1.8, 1.5, 1.4, 1.8, 1.6% CV	n/a	n/a
Myoglobin	15-50 ng/ml < 8% CV 50-500 ng/ml < 5% CV > 500 ng/ml < 8% CV	1.4, 1.3% CV 1.8, 1.7, 1.5% CV 2.6, 1.6, 2.5% CV	15-50 ng/ml < 10% CV 50-500 ng/ml < 6% CV > 500 ng/ml < 10% CV	2.3% CV 3.9, 5.2% CV 4.4, 7.1% CV	15-50 ng/ml < 10% CV 50-500 ng/ml < 7% CV > 500 ng/ml < 10% CV	2.4% CV 3.5, 3.4, 2.9% CV 3.8, 2.9, 5.1% CV
proBNP II	LEMR-50 pg/ml ≤ 5 pg/ml SD >50-100 pg/ml ≤ 10% CV >100-250 pg/ml ≤ 5% CV >250 pg/ml to HEMR ≤ 5% CV	1.63 pg/ml SD 2.9% CV 2.2% CV 2.7, 2.0, 1.9, 2.3, 1.8% CV	LEMR-50 pg/ml ≤ 6 pg/ml SD >50-100 pg/ml ≤ 13% CV >100-250 pg/ml ≤ 8% CV >250 pg/ml to HEMR ≤ 5% CV	2.4 pg/ml SD 4.8% CV 4.1% CV 3.8, 3.5, 3.3, 3.6, 3.9% CV	n/a	n/a
Troponin I	0.1-0.2 µg/l < 25 % CV 0.2-0.4 µg/l ≤ 10% CV > 0.4 µg/l ≤ 8% CV	14.2, 10% CV 5.3, 7% CV 5.2, 2.7, 2.6% CV	0.1-0.2 µg/l < 40 % CV 0.2-0.4 µg/l ≤ 20% CV* > 0.4 µg/l ≤ 8% CV * 10% above 0.3 µg/l	15.9, 13.4% CV 8.7, 8% CV 7.3, 4.7, 4.4% CV	0.1-0.2 µg/l < 40 % CV 0.2-0.4 µg/l ≤ 25% CV > 0.4 µg/l ≤ 12% CV	6.4% CV 4.4, 3.2, 2.3% CV 1.6, 1, 1.3% CV
Troponin T hs	LEMR- < 14 pg/ml ≤ 0.7 pg/ml SD 14-100 pg/ml ≤ 5% CV > 100-HEMR ≤ 3% CV	0.175 pg/ml SD 2.6, 1.9% CV 1.4, 2.0, 1.4% CV	LEMR- < 14 pg/ml ≤ 1.4 pg/ml SD 14-100 pg/ml ≤ 10% CV > 100-HEMR ≤ 6% CV	0.39 pg/ml SD 3.8, 3.3% CV 1.8, 2.4, 3.4% CV	n/a	n/a
Digoxin	< 0.8 ng/ml < 10% CV 0.8-4 ng/ml < 4% CV > 4 ng/ml < 5% CV	3.1, 4.9% CV 3.3, 1.3, 2.7% CV	< 0.8 ng/ml < 20% CV 0.8-4 ng/ml < 6% CV > 4 ng/ml < 7% CV	8.4% CV 3, 4.4, 3.8, 5.1% CV	< 0.8 ng/ml < 22% CV 0.8-4 ng/ml < 7% CV > 4 ng/ml < 9% CV	3.6, 2.6, 1.4% CV 2.2% CV
Digitoxin	< 10 ng/ml < 8% CV 10-40 ng/ml < 4% CV > 40 ng/ml < 6% CV	1.8, 2.3% CV 1.8, 2, 2.3% CV 1.7, 1.5% CV	< 10 ng/ml < 10% CV 10-40 ng/ml < 6% CV > 40 ng/ml < 8% CV	4% CV 2.8, 2.8, 2.6% CV 2.5% CV	< 10 ng/ml < 13% CV 10-40 ng/ml < 7% CV > 40 ng/ml < 10% CV	4.9, 3.1% CV 2.1, 2.4, 1.3% CV 1.5, 1, 0.6% CV
HCG+β	2-5 mIU/ml ≤ 9% CV 5-10 mIU/ml ≤ 4% CV > 10 mIU/ml ≤ 4 % CV	2.8, 2.5% CV 1.7, 2.7, 2.8% CV	2-5 mIU/ml ≤ 10% CV 5-10 mIU/ml ≤ 5% CV > 10 mIU/ml ≤ 5 % CV	7.4% CV 4.1, 3.4% CV 4.6, 4.6, 3.3% CV	2-5 mIU/ml ≤ 10% CV > 5 mIU/ml ≤ 6% CV	1.4, 1.6, 1.9% CV
HCG STAT	LEMR - 10 mIU/mL 0.4 mIU/mL SD > 10 mIU/mL – HEMR ≤ 4% CV	0,117 / 0,211 mIU/mL SD 1.2, 1.4, 1.4% CV	LEMR - 10 mIU/mL ≤ 0,56 mIU/mL SD > 10 mIU/mL – HEMR ≤ 5,6% CV	0,304 / 0,469 mIU/mL SD 3.7, 5.0, 3.4% CV	n/a	n/a

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Elecsys Assay	Specified repeatability (within-run precision)	Internal eval. repeatability	Specified intermediate precision (within lab preci.)	Internal eval. Intermediate prec.	Specified intermodule precision	Internal eval. intermodule prec.
ACTH	LEMR to 10 pg/mL SD ≤ 0.60 pg/mL > 10 pg/mL to HEMR CV ≤ 6.0 %	0.102 pg/mL SD 1.3, 1.1, 1.0, 0.9% CV	LEMR to 10 pg/mL SD ≤ 0.76 pg/mL > 10 pg/mL to HEMR CV ≤ 7.6 %	0.127 pg/mL SD 1.5, 1.3, 1.6, 1.7% CV	n/a	n/a
AMH / AMH Plus	LEMR- 0.5 ng/ml SD ≤ 0.025 ng/ml >0.5-1.0 ng/ml ≤ 5% CV >1.0-8.0 ng/ml ≤ 4% CV >8.0 ng/ml – HEMR ≤ 3% CV	0.0007 ng/ml SD 1.3% CV 1.1% CV 1.7, 2.6% CV	LEMR- 0.5 ng/ml SD ≤ 0.03 ng/ml >0.5-1.0 ng/ml ≤ 6% CV >1.0-8.0 ng/ml ≤ 5% CV >8.0 ng/ml - HEMR ≤ 5% CV	0.002 ng/ml SD 3.4% CV 3.9% CV 3.7, 3.5% CV	n/a	n/a
Androstene dione	LEoMR to 0.60 ng/mL SD ≤ 0.04 ng/mL > 0.60 ng/mL to HEoMR CV ≤ 6.0 %	0.013 ng/mL, 0.446 ng/mL 0.923 ng/mL, 1.8% CV 3.19 ng/mL, 2.4% CV 5.39 ng/mL, 1.8% CV 9.15 ng/mL, 2.1% CV	LEoMR to 0.60 ng/mL SD ≤ 0.06 ng/mL > 0.60 ng/mL to HEoMR CV ≤ 8.0 %	0.020 ng/mL, 0.446 ng/mL 0.923 ng/mL, 3.8% CV 3.19 ng/mL, 3.7% CV 5.39 ng/mL, 3.7% CV 9.15 ng/mL, 3.9% CV	n/a	n/a
Cortisol II serum	1.5-3 nmol/l ≤ 0.9 nmol/l SD >3-50 nmol/l ≤ 1.5 nmol/l SD >50-900 nmol/l ≤ 5% CV >900-1750 nmol/l ≤ 6% CV	0.2, 0.9 nmol/l SD 1.5, 1.7, 1.6% CV 1.6% CV	1.5-50 nmol/l ≤ 2.5 nmol/l SD >50-900 nmol/l ≤ 6% CV >900-1750 nmol/l ≤ 7% CV	0.4, 1.0 nmol/l SD 2.2, 2.3% CV 1.9% CV	1.5-50 nmol/l ≤ 3 nmol/l SD >50-900 nmol/l ≤ 8% CV >900-1750 nmol/l ≤ 9% CV	0.7 nmol/l SD 2.3, 2.9, 4% CV 3.2% CV

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Cortisol II saliva	1.5-3 nmol/l $\leq$ 0.9 nmol/l SD >3-50 nmol/l $\leq$ 1.5 nmol/l SD >50-900 nmol/l $\leq$ 5% CV >900-1750 nmol/l $\leq$ 6% CV	0.2 nmol/l SD 0.3, 0.7 nmol/l SD 1.7% CV	1.5-50 nmol/l $\leq$ 2.5 nmol/l SD >50-900 nmol/l $\leq$ 6% CV >900-1750 nmol/l $\leq$ 7% CV	0.4, 0.9 nmol/l SD 2.5% CV	1.5-50 nmol/l $\leq$ 3 nmol/l SD >50-900 nmol/l $\leq$ 8% CV >900-1750 nmol/l $\leq$ 9% CV	-
Cortisol III Urine	LEMUR - 35 nmol/L $\leq$ 1.75 nmol/L SD > 35 nmol/L to HEMR $\leq$ 5% CV	0.408 nmol/L SD 2.6, 3.4, 2.7 4.1% CV	LEMUR - 35 nmol/L $\leq$ 2.1 nmol/L SD > 35 nmol/L to HEMR $\leq$ 6% CV	0.531 nmol/l SD 3.9, 3.8, 3.6, 4.4% CV	n/a	n/a
DHEAS	50-1000 µg/dl $<$ 5% CV	2.6, 2.4, 2.3, 1.4% CV	50-1000 µg/dl $<$ 7% CV	2.4, 2.2, 2.5, 2.7% CV	50-1000 µg/dl $<$ 8% CV	1.6, 2.6, 1.5, 3.1% CV
Estradiol III	LoD-50 pg/ml $\leq$ 4 pg/ml SD > 50-200 pg/ml $\leq$ 7% CV > 200-3000 pg/ml $\leq$ 6% CV	1.9, 1.8 pg/ml SD 1.6, 2.4% CV 1.1, 1.9, 1.2% CV	LoD-50 pg/ml $\leq$ 6 pg/ml SD > 50-200 pg/ml $\leq$ 10% CV > 200-3000 pg/ml $\leq$ 8% CV	2.9, 2.7 pg/ml SD 2.5, 3.8% CV 1.9, 3.0% CV	LoD-50 pg/ml $\leq$ 7 pg/ml SD > 50-3000 pg/ml $\leq$ 12% CV	2.7 pg/ml SD 1.7, 3.1, 2% CV
FSH	LEMUR to 20 mIU/mL SD $\leq$ 1 mIU/mL >20-100mIU/mL CV $\leq$ 4.3 % >100-200mIU/mL CV $\leq$ 3.5 %	0.017, 0.162 mIU/ml SD 1.8% CV 1.2, 1.3% CV	LEMUR to 20 mIU/mL SD $\leq$ 1.2 mIU/mL >20-100mIU/mL CV $\leq$ 5.1 % >100-200mIU/mL CV $\leq$ 6.0 %	0.039, 0.358 mIU/ml SD 3.7% CV 3.9, 4.1% CV	n/a	n/a
LH	2-10 mU/ml $\leq$ 5% CV > 10-100 mU/ml $\leq$ 3% CV > 100-200 mU/ml $\leq$ 5% CV	1.2, 0.8, 1.4% CV 0.7, 0.6, 0.6% CV 0.9, 0.7% CV	2-10 mU/ml $\leq$ 6% CV > 10-100 mU/ml $\leq$ 5% CV > 100-200 mU/ml $\leq$ 6% CV	2.1, 2% CV 2.1, 1.7% CV 2.2% CV	2-10 mU/ml $\leq$ 7% CV > 10-100 mU/ml $\leq$ 7% CV > 100-200 mU/ml $\leq$ 6% CV	3.1, 2.2, 2.6% CV 1.9, 2.2, 2% CV 2.4% CV



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Progesterone III	0.05-0.5 ng/ml $\leq$ 0.1 ng/ml SD >0.5-1 ng/ml $\leq$ 12% CV >1 ng/ml $\leq$ 7% CV	0.019 ng/ml SD 5.3% CV 2.5, 2.1, 1.2% CV	0.05-0.5 ng/ml $\leq$ 0.15 ng/ml SD >0.5-1 ng/ml $\leq$ 14% CV >1 ng/ml $\leq$ 8% CV	0.036 ng/ml SD 8.2% CV 6.5, 3.3, 3.2% CV	0.05-0.5 ng/ml $\leq$ 0.2 ng/ml SD >0.5-1 ng/ml $\leq$ 16% CV >1 ng/ml $\leq$ 9% CV	0-005 ng/ml SD 10.8% CV 2.6, 1.8, 2.0% CV
Prolactin II	100-1000 μ U/ml $\leq$ 5% CV	0.8, 1.7, 0.9, 0.8% CV	100-5000 μ U/ml $\leq$ 6% CV	1.8, 1.4, 1.6, 1.4, 2% CV	100-5000 μ U/ml $\leq$ 8% CV	3.8, 3.9, 2.5, 2.6% CV
SHBG	5-200 nmol/l < 4% CV	1.1, 1.3, 1.7% CV	5-200 nmol/l < 6% CV	1.8, 2.1, 4% CV	5-200 nmol/l < 8% CV	1.2, 1.4, 1.9, 2.7, 3.3% CV
Testosterone II	LEMUR – 0.15 ng/ml $\leq$ 0.015 ng/ml SD >0.15-0.5 ng/ml $\leq$ 10% CV >0.5-1 ng/ml $\leq$ 6% CV >1-3 ng/ml $\leq$ 5% CV >3-15 ng/ml $\leq$ 5% CV	0.008 ng/ml SD 4.4% CV 1.8% CV 1.2% CV 1.9% CV	LEMUR – 0.15 ng/ml $\leq$ 0.03 ng/ml SD >0.15-0.5 ng/ml $\leq$ 20% CV >0.5-1 ng/ml $\leq$ 8% CV >1-3 ng/ml $\leq$ 6% CV >3-15 ng/ml $\leq$ 6% CV	0.014 ng/ml SD 5.9% CV 3.2% CV 2.1% CV 3.0% CV	n/a	n/a
C-Peptide serum	0.5-20 ng/ml $\leq$ 5% CV	0.6, 1.4, 1% CV	0.5-20 ng/ml $\leq$ 6% CV	1.7, 1.8, 2.3% CV	0.5-20 ng/ml $\leq$ 7% CV	2.1, 1.8, 1.2% CV
C-Peptide urine	0.5-20 ng/ml $\leq$ 5% CV	0.8, 0.9, 1.3% CV	0.5-20 ng/ml $\leq$ 6% CV	3.4, 4, 2.6% CV	0.5-20 ng/ml $\leq$ 7% CV	na
Insulin	5-10 μ U/ml < 5% CV 10-300 μ U/ml < 4% CV 300-1000 μ U/ml < 5% CV	1.1, 1.5% CV 0.9, 0.8, 1.2% CV 0.7, 0.8% CV	5-10 μ U/ml < 6% CV 10-300 μ U/ml < 5% CV 300-1000 μ U/ml < 6% CV	4.9% CV 3.7, 3.4% CV 2.4% CV	5-10 μ U/ml < 7% CV 10-300 μ U/ml < 6% CV 300-1000 μ U/ml < 7% CV	2.4% CV 2.4, 2.9, 1.8% CV 2, 2.4% CV
PIGF	$\leq$ 50 pg/ml $\leq$ 4 pg/ml SD $\geq$ 50 pg/ml $\leq$ 8% CV $\geq$ 200 pg/ml $\leq$ 6% CV $\geq$ 1000 pg/ml $\leq$ 6% CV	0.19 pg/ml SD 3.2, 0.8, 0.8% CV 0.8% CV 0.8, 0.7, 1% CV	$\leq$ 50 pg/ml $\leq$ 5 pg/ml SD $\geq$ 50 pg/ml $\leq$ 10% CV $\geq$ 200 pg/ml $\leq$ 8% CV $\geq$ 1000 pg/ml $\leq$ 8% CV	0.41 pg/ml 4, 2, 1.9% CV 1.8% CV 2.1, 1.8, 2% CV	$\leq$ 50 pg/ml $\leq$ 6 pg/ml SD $\geq$ 50 pg/ml $\leq$ 12% CV $\geq$ 200 pg/ml $\leq$ 10% CV $\geq$ 1000 pg/ml $\leq$ 10% CV	0.22 pg/ml SD 2.3, 1.1% CV 1.9% CV 0.6, 0.8, 0.8% CV
sFlt-1	$\leq$ 25 pg/ml $\leq$ 2 pg/ml SD $\geq$ 25 pg/ml $\leq$ 8% CV $\geq$ 200 pg/ml $\leq$ 7% CV $\geq$ 10000 pg/ml $\leq$ 6% CV	1.3% CV 1.9, 1.8%, 1.7 CV 1.5, 1.5% CV	$\leq$ 25 pg/ml $\leq$ 3 pg/ml SD $\geq$ 25 pg/ml $\leq$ 12% CV $\geq$ 200 pg/ml $\leq$ 8% CV $\geq$ 10000 pg/ml $\leq$ 7% CV	3.2% CV 2.5, 3, 2.6% CV 3.4, 3.9% CV	$\geq$ 25 pg/ml $\leq$ 13% CV $\geq$ 200 pg/ml $\leq$ 12% CV $\geq$ 10000 pg/ml $\leq$ 11% CV	1.8, 1.7% CV 1.1, 1.7, 3, 2.7% CV 3.5, 2.3, 3.1% CV



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AFP	LEMR to 4 IU/mL ≤ 0.4 IU/mL SD > 4 IU/mL to 60 IU/mL $\leq 4\%$ CV > 60 IU/mL to HEMR $\leq 7\%$ CV	0.054, 0.051% CV 2.7, 3.1% CV 2.9, 3.0, 3.2% CV	LEMR to 4 IU/mL ≤ 0.4 IU/mL SD > 4 IU/mL to 60 IU/mL $\leq 7\%$ CV > 60 IU/mL to HEMR $\leq 9\%$ CV	0.080, 0.073% CV 3.5, 3.9% CV 3.6, 3.8, 3.9% CV	n/a	n/a
AFP-L3	LEMR to 6 ng/mL ≤ 0.5 ng/mL SD 6.0 ng/mL to HEMR $\leq 8\%$ CV	0.084, 0.109, 0.078, 0.109 ng/mL SD 2.3, 2.3, 2.1, 1.9% CV	LEMR to 6 ng/mL ≤ 0.7 ng/mL SD 6.0 ng/mL to HEMR $\leq 12\%$ CV	0.102, 0.136, 0.098, 0.142 ng/mL SD 3.2, 3.1, 2.8, 2.8% CV	n/a	n/a
Anti-p53	LoB-0.2 $\mu\text{g/ml}$ ≤ 0.02 $\mu\text{g/ml}$ SD > 0.2-10 $\mu\text{g/ml}$ $\leq 3.5\%$ CV > 10-100 $\mu\text{g/ml}$ $\leq 4.5\%$ CV	0.001, 0.002 $\mu\text{g/ml}$ SD 1.3% CV 1.2%, 0.9% CV	LoB-0.2 $\mu\text{g/ml}$ ≤ 0.025 $\mu\text{g/ml}$ SD > 0.2-10 $\mu\text{g/ml}$ $\leq 6.5\%$ CV > 10-100 $\mu\text{g/ml}$ $\leq 7\%$ CV	0.003 / 0.004 $\mu\text{g/ml}$ SD 3.3% CV 3.3, 2.9% CV	n/a	n/a
CA 125 II	10-25 U/ml $< 5\%$ CV 25-500 U/ml $< 4\%$ CV 500-5000 $< 10\%$ CV	0.9, 1.1% CV 0.8, 0.9, 1.1% CV 1.1, 1.6% CV	10-25 U/ml $< 6\%$ CV 25-500 U/ml $< 4\%$ CV 500-5000 $< 10\%$ CV	1.8% CV 1.6, 1.5, 1.7% CV 2.5% CV	10-500 U/ml $< 8\%$ CV 500-5000 $< 15\%$ CV	2. 1.5, 1.7% CV 2.2, 4% CV
CA 15-3 II	10-50 U/ml $< 4\%$ CV 50-200 U/ml $< 5\%$ CV	1.3, 1.2, 1.5% CV 1.4, 1.2, 1.5% CV	10-200 U/ml $\leq 6\%$ CV	4.2, 3.7, 3.2, 3.9, 5% CV	10-200 U/ml $\leq 8\%$ CV	1.3, 3.9, 2.2, 3.1, 4.2% CV
CA 19-9	30-1000 U/ml $< 5\%$ CV < 30 U/ml (not specified)	1.2, 1.1, 1.5% CV 2.1, 1.9% CV	30 - 1000 U/l $< 9\%$ CV < 30 U/ml (not specified)	1.9, 2.4, 2.7% CV 2.6, 8.1% CV	30-1000 U/ml $< 10\%$ CV < 30 U/ml (not specified)	0.7, 3, 2.3% CV 2.8, 2.6% CV
CA 72-4	LEMR to 4 U/mL SD ≤ 0.2 U/mL >4 – 100 U/mL CV $\leq 5.0\%$ > 100 U/mL to HEMR V $\leq 6.0\%$	0.044 U/ml SD 1.2, 1.2% CV 1.3%, 1.2% CV	LEMR to 4 U/mL SD ≤ 0.25 U/mL >4 – 100 U/mL CV $\leq 6.0\%$ > 100 U/mL to HEMR CV $\leq 8.0\%$	0.116 U/ml SD 3.2, 3.4% CV 3.7%, 3.5% CV	n/a	n/a

cobas e 601, cobas e 602 Assays Specifications

Elecsys Assay	Specified repeatability (within-run precision)	Internal eval. repeatability	Specified intermediate precision (within lab preci.)	Internal eval. Intermediate prec.	Specified intermodule precision	Internal eval. intermodule prec.
CEA	2-10 ng/ml ≤ 3% CV 10-50 ng/ml ≤ 2% CV 50-500 ng/ml ≤ 3% CV > 500 ng/ml (not spec.)	1.1, 1.3, 2.5% CV 2, 2% CV 2.2, 1% CV 1.3, 1.9% CV	2-10 ng/ml ≤ 6% CV 10-50 ng/ml ≤ 5% CV 50-500 ng/ml ≤ 8% CV > 500 ng/ml (not spec.)	5.1, 4.7% CV 4.9% CV 4.6% CV 5% CV	2-10 ng/ml ≤ 7% CV 10-50 ng/ml ≤ 6% CV 50-500 ng/ml ≤ 9% CV > 500 ng/ml (not spec.)	6.5, 5.7, 5.5% CV 3.5% CV 3.4, 4.8% CV 2.3, 3.1% CV
Cyfra 21-1	1-3 ng/ml ≤ 5% CV 3.1-10 ng/ml ≤ 3% CV > 10 ng/ml ≤ 5% CV	1.1, 1.5% CV 1.1, 1.4, 2.1% CV 0.6, 1, 1.6% CV	1-3 ng/ml ≤ 7% CV 3.1-10 ng/ml ≤ 5% CV > 10 ng/ml ≤ 5% CV	2.7% CV 2.6, 2.3% CV 1.9, 2% CV	1-3 ng/ml ≤ 8% CV 3.1-10 ng/ml ≤ 6% CV > 10 ng/ml ≤ 6% CV	1.9% CV 1.5, 2.5% CV 2.1, 1.9, 2.4% CV
HE4	< 30 pmol/l ≤ 3 pmol/l SD 30-150 pmol/l ≤ 5% CV 150-900 pmol/l ≤ 4% CV > 900-1500 pmol/l ≤ 5% CV	0.5 pmol/l 1.8 % CV 1.5, 1.6% CV 1.9% CV	< 30 pmol/l ≤ 3 pmol/l SD 30-150 pmol/l ≤ 7% CV 150-900 pmol/l ≤ 6% CV > 900-1500 pmol/l ≤ 10% CV	0.8 pmol/l SD 2.8% CV 2.6, 3.0 % CV 3.2% CV	30-150 pmol/l ≤ 10% CV 150-900 pmol/l ≤ 9% CV > 900-1500 pmol/l ≤ 10% CV	0.7 % CV 0.9, 1.8% CV 1.6, 1.1% CV
NSE	15-100 ng/ml < 3% CV < 15 ng/ml (not specified)	0.9, 0.9, 0.7% CV 1, 0.8% CV	15-100 ng/ml < 5% CV < 15 ng/ml (not specified)	1.6, 3.8% CV 1.8, 3.1% CV	15-100 ng/ml < 10% CV < 15 ng/ml (not specified)	5.8, 6.4, 5.2% CV 3, 11% CV
PIVKA-II	LEMR to 30 ng/ml ≤ 1.5 ng/ml SD > 30 ng/ml to HEMR ≤ 5% CV	0.165, 0.309, 0.499, ng/ml SD 2.2, 1.7, 1.8% CV	LEMR to 30 ng/ml ≤ 2.25 ng/ml SD > 30 ng/ml to HEMR ≤ 7.5% CV	0.34, 0.707, 1.1 ng/ml SD 4.2, 3.8, 3.7% CV	n/a	n/a
ProGRP	LEMR-60 pg/ml ≤ 3 pg/ml SD > 60pg/ml – HEMR ≤ 5.4% CV	0.270 pg/ml SD 0.9, 1.1, 0.9, 1.7% CV	LEMR-60 pg/ml ≤ 6 pg/ml SD > 60pg/ml – HEMR ≤ 10.4% CV	0.491 pg/ml SD 3.0, 3.7, 3.3, 3.8% CV	n/a	n/a
free PSA	LEMR-0.1 ng/ml ≤ 0.007 ng/ml SD > 0.1-0.4 ng/ml ≤ 7.4% CV > 0.4-50 ng/ml ≤ 5.4% CV		LEMR-0.1 ng/ml ≤ 0.01 ng/ml SD > 0.1-0.4 ng/ml ≤ 10.4% CV > 0.4-50 ng/ml ≤ 8.4% CV		n/a	n/a
total PSA	LEMR-≤ 0.1 ng/ml ≤ 0.007 ng/ml SD > 0.1-≤ 1.0 ng/ml ≤ 7.4% CV > 1-50 ng/ml ≤ 3.4% CV > 50-100 ng/ml ≤ 5.4% CV	0.0008 ng/mL SD 1.7% CV 1.6, 0.8% CV 0.9, 0.9, 3.8 % CV	LEMR-≤ 0.1 ng/ml ≤ 0.010 ng/ml SD > 0.1-≤ 1.0 ng/ml ≤ 10.4% CV > 1-50 ng/ml ≤ 5.4% CV > 50-100 ng/ml ≤ 8.4% CV	0.001 ng/mL SD 2.2% CV 2.2, 2.0% CV 1.8, 1.9, 4.1 % CV	n/a	n/a

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Elecsys Assay	Specified repeatability (within-run precision)	Internal eval. repeatability	Specified intermediate precision (within lab preci.)	Internal eval. Intermediate prec.	Specified intermodule precision	Internal eval. intermodule prec.
S100	LEMUR-0.05 µg/L ≤ 0.005 µg/L SD >0.05-0.15 µg/L ≤ 3.0% CV >0.15 µg/L -HEMR ≤ 5.0% CV	0.0008 µg/L SD 2.1, 1.8 % CV 1.3, 1.4% CV	LEMUR-0.05 µg/L ≤ 0.005 µg/L SD >0.05-0.15 µg/L ≤ 5.0% CV >0.15 µg/L -HEMR ≤ 7.0% CV	0.001 µg/L SD 3.4, 2.9% CV 2.7, 3.0% CV	n/a	n/a
SCC	LoD – 1.8 ng/ml SD ≤ 0.1 ng/ml > 1.8-5 ng/ml ≤ 5% CV >5-70 ng/ml ≤ 6.5% CV	0.020, 0.031 ng/ml SD 2.0, 0.9% CV 1.7, 1.4, 1.5% CV	LoD – 1.8 ng/ml SD ≤ 0.2 ng/ml > 1.8-70 ng/ml ≤ 10% CV	0.022, 0.033 ng/ml SD 2.5, 1.8, 2, 1.3% CV	LoD – 1.8 ng/ml SD ≤ 0.2 ng/ml > 1.8-70 ng/ml ≤ 12% CV	0.027, 0.035 ng/ml SD 1.3, 1.9, 2.4% CV
Free βhCG	LEMUR-15 IU/L ≤ 0.6 IU/L SD > 15 IU/L-HEMR ≤ 3% CV	0.014, 0.019, 0.011, 0.218, 0.234 IU/L SD 2.2, 2.6, 2.3, 2% CV	LEMUR-15 IU/L ≤ 1 IU/L SD > 15 IU/L-HEMR ≤ 5% CV	0.024, 0.032, 0.017, 0.38, 0.339 IU/L SD 3.6, 4.5, 4.2% CV	n/a	n/a
PAPP-A	LEMUR-50 mIU/l ≤ 2.5 mIU/l SD >50-2000 mIU/l ≤ 3.5% CV >2000 mIU/l-HEMR ≤ 3% CV	0.888 mIU/l SD 1.4% CV 2.2, 2.1, 1.8, 1.9% CV	LEMUR-50 mIU/l ≤ 4 mIU/l SD >50-2000 mIU/l ≤ 6% CV >2000 mIU/l-HEMR ≤ 5% CV	0.94 mIU/l SD 2.2, 2.1, 2.6% CV 2.5, 3.1, 2.9% CV	n/a	n/a
Active B12	LEMUR to 20 pmol/L SD ≤ 0.8 pmol/L > 20 pmol/L to HEMR CV ≤ 4.0 %	0.121 pmol/L SD 1.5, 1.4, 1.6, 1.4% CV	LEMUR to 20 pmol/L SD ≤ 1.2 pmol/L > 20 pmol/L to HEMR CV ≤ 6.0 %	0.380 pmol/l SD 2.5, 2.5, 2.5, 2.8% CV	n/a	n/a
Vitamin B12 II	≤ 200 pg/ml ≤ 14 pg/ml SD > 200 pg/ml ≤ 7% CV	5.9 pg/ml SD 2.3, 1.6, 1.3% CV	≤ 200 pg/ml ≤ 24 pg/ml SD > 200 pg/ml ≤ 12% CV	9 pg/ml SD 5.1, 3.4, 2.1% CV	≤ 200 pg/ml ≤ 28 pg/ml SD > 200 pg/ml ≤ 14% CV	9.4 pg/ml 3.7, 9.6, 1.5, 4.1% CV
Ferritin	10-40 ng/ml < 7% CV 50-400 ng/ml < 4% CV > 400 ng/ml (not specified)	3, 2.3, 2.9% CV 3.1, 2.9, 2.3% CV 3.6% CV	10-40 ng/ml < 7% CV 50-400 ng/ml < 7% CV > 400 ng/ml (not specified)	4.4, 4.3, 4% CV 4.3, 4.9, 4.4% CV 4.1% CV	10-40 ng/ml < 8% CV 50-400 ng/ml < 8% CV > 400 ng/ml (not specified)	3% CV 2.7, 3.4% CV 3.2, 4.7% CV
Folate III	LEMUR to 5 ng/ml ≤ 0.35 ng/ml SD > 5 ng/ml to HEMR ≤ 7% CV	0.126, 0.146, 0.188 ng/ml SD 2.8, 3.3% CV	LEMUR to 5 ng/ml ≤ 0.6 ng/ml SD > 5 ng/ml to HEMR ≤ 12% CV	0.144, 0.172, 0.215 ng/ml SD 3.7, 4.2% CV	n/a	n/a

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Elecsys Assay	Specified repeatability (within-run precision)	Internal eval. repeatability	Specified intermediate precision (within lab preci.)	Internal eval. Intermediate prec.	Specified intermodule precision	Internal eval. intermodule prec.
Folate RBC	$\leq 155 \text{ ng/ml}$ $\leq 11 \text{ ng/ml}$ SD $> 155 \text{ ng/ml}$ $\leq 7 \% \text{ CV}$	5.3, 7.3 ng/ml 6.0, 5.5, 2.2% CV	$\leq 250 \text{ ng/ml}$ $\leq 17.5 \text{ ng/ml}$ SD $> 250 \text{ ng/ml}$ $\leq 7 \% \text{ CV}$	6.3, 12.4 ng/ml SD 5.9, 3.4% CV	$\leq 155 \text{ ng/ml}$ $\leq 19 \text{ ng/ml}$ SD $> 155 \text{ ng/ml}$ $\leq 12 \% \text{ CV}$	10.9 ng/ml SD 7.2, 3.3, 2.8% CV
β -CrossLaps/serum	LEMR - $\leq 0.50 \text{ ng/ml}$ $\leq 0.02 \text{ ng/mL}$ SD $> 0.50 \text{ ng/ml}$ - HEMR $\leq 3.0\% \text{ CV}$	0.002, 0.008 ng/ml SD 1.5, 1.3, 1.2% CV	LEMR - $\leq 0.50 \text{ ng/ml}$ $\leq 0.03 \text{ ng/mL}$ SD $> 0.50 \text{ ng/ml}$ - HEMR $\leq 5.0\% \text{ CV}$	0.002, 0.009 ng/ml SD 1.7, 1.4, 1.5% CV	n/a	n/a
N-MID Osteocalcin	1-10 ng/ml $< 0.5 \text{ ng/ml}$ SD 11-40 ng/ml $< 5\% \text{ CV}$ 41-400 ng/ml $< 3\% \text{ CV}$	0.05, 0.05 ng/ml SD 0.7, 0.6, 0.5% CV 0.5, 1.2, 0.8% CV	1-10 ng/ml $< 0.8 \text{ ng/ml}$ SD 11-40 ng/ml $< 7\% \text{ CV}$ 41-400 ng/ml $< 5\% \text{ CV}$	0.11 ng/ml SD 1.3, 1.4% CV 1.1, 1.2, 1.5% CV	1-10 ng/ml $< 1 \text{ ng/ml}$ SD 11-40 ng/ml $< 8\% \text{ CV}$ 41-400 ng/ml $< 6\% \text{ CV}$	2.4, 2.4% CV 3, 2.1, 3.5% CV
PTH	LEMR to 15 pg/mL $\leq 0.8 \text{ pg/mL}$ SD $> 15 \text{ pg/mL}$ to HEMR $\leq 5\% \text{ CV}$	0.195, 0.210 pg/mL SD 0.8, 0.7, 0.9% CV	LEMR to 15 pg/mL $\leq 1.0 \text{ pg/mL}$ SD $> 15 \text{ pg/mL}$ to HEMR $\leq 6.5\% \text{ CV}$	0.404, 0.420 pg/mL SD 1.5, 1.3, 1.1% SD	n/a	n/a
PTH (1-84)	LEMR to 25 pg/mL $\leq 1.2 \text{ pg/mL}$ SD $> 25 \text{ pg/mL}$ to HEMR $\leq 4.5\% \text{ CV}$	0.408, 0.462 pg/mL SD 1.5, 0.9, 1.2% CV	LEMR to 25 pg/mL $\leq 1.5 \text{ pg/mL}$ SD $> 25 \text{ pg/mL}$ to HEMR $\leq 6\% \text{ CV}$	0.475, 0.585 pg/mL SD 1.6, 1.2, 1.3% CV	n/a	n/a
Total P1NP	$< 50 \mu\text{g/l}$ $< 5\% \text{ CV}$ 50-500 $\mu\text{g/l}$ $< 4\% \text{ CV}$ $> 500 \mu\text{g/l}$ $< 4\% \text{ CV}$	2.9% CV 0.8% CV 2.1, 1.5, 1.1% CV	$< 50 \mu\text{g/l}$ $< 7\% \text{ CV}$ 50-500 $\mu\text{g/l}$ $< 5\% \text{ CV}$ $> 500 \mu\text{g/l}$ $< 6\% \text{ CV}$	4.5, 3.8, 4% CV 4.6, 4.2% CV	$< 50 \mu\text{g/l}$ $< 10\% \text{ CV}$ 50-500 $\mu\text{g/l}$ $< 7\% \text{ CV}$ $> 500 \mu\text{g/l}$ $< 7\% \text{ CV}$	3.9% CV 2.5, 3.3, 1.2% CV 1.6, 2.0, 1.9% CV
Vitamin D total III	LEMR to 20 ng/ml $\leq 1.2 \text{ ng/ml}$ SD $> 20 \text{ ng/ml}$ to HEMR $\leq 6\% \text{ CV}$	0.905 ng/ml SD 4.4, 4.2, 2.3, 3.0%CV	LEMR to 20 ng/ml $\leq 1.6 \text{ ng/ml}$ SD $> 20 \text{ ng/ml}$ to HEMR $\leq 8\% \text{ CV}$	1.2 ng/ml SD 6.0, 5.6, 3.7, 3.3% CV	n/a	n/a
hGH	0.7 ng/ml $\leq 0.04 \text{ ng/ml}$ deviation $> 0.7 - 50 \text{ ng/ml}$ $\leq 6\% \text{ CV}$	0.012 ng/ml dev. 1.7, 2.6% CV	0.7 ng/ml $\leq 0.04 \text{ ng/ml}$ deviation $> 0.7 - 50 \text{ ng/ml}$ $\leq 7\% \text{ CV}$	0.003 ng/ml dev. 0.7, 1% CV	0.7 ng/ml $\leq 0.04 \text{ ng/ml}$ deviation $> 0.7 - 50 \text{ ng/ml}$ $\leq 8\% \text{ CV}$	0.022 ng/ml dev. 4.3, 3% CV

na not available at the moment.



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Elecsys Assay	Specified repeatability (within-run precision)	Internal eval. repeatability	Specified intermediate precision (within lab preci.)	Internal eval. Intermediate prec.	Specified intermodule precision	Internal eval. intermodule prec.
IGF-1	7-40 ng/ml ≤ 1.6 ng/ml SD > 40 ng/ml ≤ 5% CV	0.298 ng/ml SD 1.4, 1.6, 3.5, 1.0% CV	7-40 ng/ml ≤ 4 ng/ml SD > 40 ng/ml ≤ 10% CV	0.518 ng/ml SD 2.7, 2.5, 4.6, 2.9% CV	7-40 ng/ml ≤ 4.4 ng/ml SD > 40 ng/ml ≤ 11% CV	0.489 ng/ml SD 1.4, 2.9, 3.4, 1.8% CV
IGFBP-3	LEMR – 150 ng/ml ≤ 6 ng/ml SD > 150 ng/ml to HEMR ≤ 4% CV	102 ng/ml SD 2.0, 2.1, 1.9, 1.7, 1.5, 1.6% CV	LEMR – 150 ng/ml ≤ 7.5 ng/ml SD > 150 ng/ml to HEMR ≤ 5% CV	102 ng/ml SD 2.5, 2.1, 2.4, 2% CV	LEMR – 150 ng/ml ≤ 15 ng/ml SD > 150 ng/ml to HEMR ≤ 10% CV	n/a
IgE II	1-5 IU/ml < 9% CV 6-250 IU/ml < 6% CV >250 IU/ml < 5% CV	1.4% CV 0.6% CV 0.7, 0.6, 0.7% CV	1-5 IU/ml < 10% CV 6-250 IU/ml < 7% CV >250 IU/ml < 8% CV	- 2.7, 3.6, 2.8% CV 3.5, 3, 4.2% CV	1-5 IU/ml < 11% CV 6-250 IU/ml < 8% CV >250 IU/ml < 9% CV	3.0, 4.9% CV 4.1, 4.3% CV 4.1% CV
Anti-CCP	10-25 U/ml ≤ 2.5 U/ml SD 25-200 U/ml ≤ 6% CV 200-1000 U/ml ≤ 8% CV	0.24, 0.1 U/ml SD 1.4% CV 2.3% CV	10-25 U/ml ≤ 3.8 U/ml SD 25-200 U/ml ≤ 8% CV 200-1000 U/ml ≤ 10% CV	0.7, 0.5 U/ml SD 2.5% CV 4.5% CV	10-25 U/ml ≤ 4 U/ml SD 25-200 U/ml ≤ 9% CV 200-1000 U/ml ≤ 11% CV	2.7 U/ml SD 1.4, 7.2, 2.4% CV 1.4, 0.9, 2.7% CV
BRAHMS PCT	LoD-0.1 ng/ml ≤ +/- 0.01 ng/ml SD > 0.1 ng/ml ≤ 10% CV	0.006 ng/ml SD 1.8, 1.1, 2.6, 1.9% CV	LoD-0.1 ng/ml ≤ +/- 0.015 ng/ml SD > 0.1 ng/ml ≤ 15% CV	0.007 ng/ml SD 2.6, 1.6, 3.2, 2.3% CV	n/a	n/a
IL-6	LEMR-25 pg/ml SD ≤ 5 pg/ml >25 pg/ml - HEMR ≤ 5% CV	0.269, 0.277, 0.384 pg/mL SD 1.7, 1.3% CV	LEMR-25 pg/ml SD ≤ 5 pg/ml >25 pg/ml - HEMR ≤ 7% CV	0.472, 0.490, 0.979pg/mL SD 3.6, 3.0% CV	n/a	n/a
Cyclosporine	LoD - ≤ 90 ng/ml ≤ +/- 7 ng/ml > 90-2000 ng/ml ≤ +/-8% CV	2.75 ng/ml SD 3, 3.1, 2.4% CV	LoD - ≤ 90 ng/ml ≤ +/- 9 ng/ml > 90-2000 ng/ml ≤ +/-10% CV	4.12 ng/ml SD 5, 4.8, 5.8% CV	LoD - ≤ 90 ng/ml ≤ +/- 11 ng/ml > 90-2000 ng/ml ≤ +/-12% CV	3.73 ng/ml SD 4.3, 1.5, 6.5% CV
Everolimus	LoD – 3 ng/ml ≤ +/- 0.24 ng/ml SD > 3-30 ng/ml ≤ 8% CV	0.1, 0.116 ng/ml SD 3.2, 2.6, 3.4% CV	LoD – 3 ng/ml ≤ +/- 0.3 ng/ml SD > 3-30 ng/ml ≤ 10% CV	0.12, 0.176 ng/ml SD 5.4, 4.1, 4.6% CV	LoD – 3 ng/ml ≤ +/- 0.36 ng/ml SD > 3-30 ng/ml ≤ 12% CV	0.077, 0.079 ng/ml SD 4.0, 1.8, 2.5% CV
Sirolimus	LoD – 3 ng/ml ≤ +/- 0.24 ng/ml SD > 3-30 ng/ml ≤ 8% CV	0.086, 0.133 ng/ml SD 4.2, 2.8, 2.1% CV	LoD – 3 ng/ml ≤ +/- 0.3 ng/ml SD > 3-30 ng/ml ≤ 10% CV	0.098, 0.181 ng/ ml SD 5.4, 3.4, 4.9% CV	LoD – 3 ng/ml ≤ +/- 0.36 ng/ml SD > 3-30 ng/ml ≤ 12% CV	0.095, 0.187 ng/ml SD 0.9, 3.6, 2.8% CV



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Elecsys Assay	Specified repeatability (within-run precision)	Internal eval. repeatability	Specified intermediate precision (within lab preci.)	Internal eval. Intermediate prec.	Specified intermodule precision	Internal eval. intermodule prec.
Tacrolimus	0.5-3.5 ng/ml $\leq$ 0.25 ng/ml SD > 3.5 – 12 ng/ml $\leq$ 6% CV >12-40 ng/ml $\leq$ 7% CV	0.059 ng/ml SD 2.5% CV 1.9, 2.2% CV	0.5-3.5 ng/ml $\leq$ 0.35 ng/ml SD > 3.5 – 12 ng/ml $\leq$ 6% CV >12-40 ng/ml $\leq$ 7% CV	0.124 ng/ml SD 3.9% CV 3.5, 5.1% CV	0.5-3.5 ng/ml $\leq$ 0.45 ng/ml SD > 3.5 – 12 ng/ml $\leq$ 9% CV >12-40 ng/ml $\leq$ 10% CV	0.139 ng/ml SD 5.9% CV 2.4% CV
β -Amyloid (1-42) CSF	LEMUR – 480 pg/ml $\leq$ 24 pg/ml SD > 480 – 2000 pg/ml $\leq$ 5% CV > 2000 pg/ml – HEMR $\leq$ 8% CV	2,23 pg/mL SD 2.0, 2.3, 1.5, 1.5, 1.7 % CV 4.8% CV	LEMUR – 480 pg/ml $\leq$ 38 pg/ml SD > 480 – 2000 pg/ml $\leq$ 8% CV > 2000 pg/ml – HEMR $\leq$ 10% CV	6,71 pg/mL SD 3.6, 4.6, 4.2, 4.4, 5.9% CV 9.2% CV	n/a	n/a
Phospho-Tau (181P) CSF	LeMR – 25 pg/ml $\leq$ 1.3 pg/ml SD > 25 – 50 pg/ml $\leq$ 5% CV > 50 pg/ml $\leq$ 8% CV	0.258, 0.359 pg/ml SD 1.1, 1.1% CV 1.1, 1.0, 1.2% CV	LEMUR – 25 pg/ml $\leq$ 2 pg/ml SD > 25 – 50 pg/ml $\leq$ 8% CV > 50 pg/ml $\leq$ 10% CV	0.327, 0.539 pg/ml SD 1.7, 1.6% CV 2.3, 2.2, 2.2% CV	n/a	n/a
Total-Tau CSF	LEMUR – 250 pg/ml $\leq$ 13 pg/ml SD > 250 – 500 pg/ml $\leq$ 5% CV > 500 pg/ml $\leq$ 10% CV	1.01 pg/ml SD 0.9, 1.2, 1.0% CV 1.0, 0.7% CV	LEMUR – 250 pg/ml $\leq$ 20 pg/ml SD > 250 – 500 pg/ml $\leq$ 8% CV > 500 pg/ml $\leq$ 10% CV	4.69 pg/ml SD 4.6, 4.4, 4.8% CV 5.1, 5.6% CV	n/a	n/a



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Elecsys Assay	Specified repeatability (within-run precision)	Internal eval. repeatability	Specified intermediate precision (within lab preci.)	Internal eval. Intermediate prec.	Specified intermodule precision	Internal eval. intermodule prec.
Anti-HAV II	COI > 1.0 ≤ 10.0 %CV COI ≤ 1.0 ≤ 0.10 COI SD	1.1, 1.1% CV 0.009, 0.009, 0.0002 SD COI	COI > 1.0 ≤ 10.0 %CV COI ≤ 1.0 ≤ 0.10 COI SD	2.0, 1.9% CV 0.022, 0.020, 0.0002 SD COI	n/a	n/a
Anti-HAV IgM	HS, neg ≤ 20% CV HS, low pos ≤ 7% CV HS, positive ≤ 7% CV	1.2, 1.3 % CV 1.9, 2.1% CV 1.4, 2.3% CV	HS, neg ≤ 20% CV HS, low pos ≤ 10% CV HS, positive ≤ 10% CV	2.5% CV 5% CV 5.5% CV	HS, neg ≤ 28% CV HS, low pos ≤ 18% CV HS, positive ≤ 18% CV	3.6% CV 1.8% CV 1.6% CV
Anti-HBc II	COI > 1.0 ≤ 7.0 %CV COI ≤ 1.0 ≤ 0.07 COI SD	1.9% CV 0.029, 0.0001 SD COI	COI > 1.0 ≤ 10.0 %CV COI ≤ 1.0 ≤ 0.10 COI SD	3.1% CV 0.045, 0.0002 SD COI	n/a	n/a
Anti-HBc IgM	HS, neg ≤ 5% CV HS, low pos ≤ 5% CV HS, positive ≤ 7% CV	3.4, 3.4 % CV 2.4, 1.5% CV 1.6, 1.4% CV	HS, neg ≤ 13% CV HS, low pos ≤ 8% CV HS, positive ≤ 10% CV	3.9% CV 4.1% CV 3.3% CV	HS, neg ≤ 14% CV HS, low pos ≤ 9% CV HS, positive ≤ 11% CV	6% CV 3.8% CV 3.9% CV
Anti-HBe	HS, neg ≤ 10% CV HS, low pos ≤ 5% CV HS, positive ≤ 5% CV	4.1, 0.8% CV 3.9, 2.8% CV 2.7, 1.1% CV	HS, neg ≤ 10% CV HS, low pos ≤ 10% CV HS, positive ≤ 10% CV	4.8% CV 6.6% CV 5.5% CV	HS, neg ≤ 11% CV HS, low pos ≤ 11% CV HS, positive ≤ 16% CV	6.3% CV 5.9% CV 6.3% CV
HBeAg	HS, neg ≤ 10% CV HS, low pos ≤ 5% CV HS, positive ≤ 5% CV	3.2, 5.1% CV 0.8, 1.3% CV 0.5, 1.2% CV	HS, neg ≤ 25% CV HS, low pos ≤ 10% CV HS, positive ≤ 10% CV	11% CV 4.3% CV 5% CV	HS, neg ≤ 16% CV HS, low pos ≤ 11% CV HS, positive ≤ 11% CV	5% CV 3.3% CV 3.4% CV
HBeAg quant	LEMR to 0.30 IU/mL ≤ 0.025 IU/mL SD 0.3 IU/mL to HEMR ≤ 8.0% CV	0.011 IU/mL SD 2.5, 3.5, 3.1, 2.8, 2.1, 3.0% CV	LEMR to 0.30 IU/mL ≤ 0.03 IU/mL SD 0.3 IU/mL to HEMR ≤ 10% CV	0.018 IU/mL SD 6.9, 7.5, 6.7, 6.7, 6.5, 6.7% CV	n/a	n/a
Anti-HBs II	≤ 5 IU/I ≤ 0.75 IU/I SD >5-≤10 IU/I SD ≤ 15% x mean >10 IU/I SD ≤ 5% x mean + 1 IU/I)	4.7% CV 3.2, 2, 2.2, 1.7, 1.5% CV	≤ 5 IU/I ≤ 1 IU/I SD >5-≤10 IU/I SD ≤ 20% x mean >10 IU/I SD ≤ 8% x mean + 1.2 IU/I)	6.8% CV 4.4, 3.4, 3.9, 3.6% CV	≤ 5 IU/I ≤ 1.2 IU/I SD >5-≤10 IU/I ≤ 24% x mean >10 IU/I SD ≤ 9% x mean + 1.5 IU/I)	n/a

HS Human sera. - No information.



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Elecsys Assay	Specified repeatability (within-run precision)		Internal eval. repeatability	Specified intermediate precision (within lab preci.)		Internal eval. Intermediate prec.	Specified intermodule precision		Internal eval. intermodule prec.
HBsAg II	≤ 0.70 COI ≥ 0.7 COI	≤ 0.07 COI SD ≤ 7% CV	0.036, 0.038 COI SD 2, 1.2, 2.1% CV	≤ 0.70 COI ≥ 0.7 COI	≤ 0.1 COI SD ≤ 10% CV	0.82, 0.049 COI SD 6, 4, 3.5% CV	≤ 0.70 COI ≥ 0.7 COI	≤ 0.13 COI SD ≤ 13% CV	n/a
HBsAg II quant II	LoD-5 IU/ml undiluted >5-130 IU/ml > 130 IU/ml undiluted	≤ 0.4 IU/ml SD ≤ 8% CV undiluted ≤ 10% CV	0.005, 0.087 IU/ml SD 1.7, 1.8, 2.9% CV 3.2% CV	LoD-5 IU/ml undiluted >5-130 IU/ml > 130 IU/ml	≤ 0.5 IU/ml SD ≤ 10% CV undiluted ≤ 12% CV undiluted	0.009, 0.105 COI SD 3.3, 2, 3.2% CV 4% CV	n/a		n/a
Anti-HCV II	≤ 0.5 COI 0.5-<1.0 COI ≥ 1.0 COI	SD ≤ 0.1 COI SD ≤ 0.07 COI ≤ 7% CV	0.0004 SD COI 0.011 SD COI 0.8, 1.6, 1.4% CV	≤ 0.5 COI 0.5-<1.0 COI ≥ 1.0 COI	SD ≤ 0.12 COI SD ≤ 0.10 COI ≤ 10% CV	0.0006 SD COI 0.025 SD COI 3.2, 2.0, 2.0% CV	n/a		n/a
Anti-HEV IgG	LEMR to 0.2 U/mL SD > 0.2 U/mL to HEMR	≤ 0.01 U/mL ≤ 5% CV	0.001, 0.001, 0.001 U/mL SD 0.8, 0.8, 1.0% CV	LEMR to 0.2 U/mL SD > 0.2 U/mL to HEMR	≤ 0.014 U/mL ≤ 7% CV	0.001, 0.002, 0.002 U/mL SD 1.0, 1.0, 1.3% CV	n/a		n/a
Anti-HEV IgM	HS, neg (< 1.0COI) HS, positive (≥ 1.0COI)	≤ 0.08 SD ≤ 8% CV	0.002, 0.012 COI SD 2.0, 2.9, 2.4% CV	HS, neg (< 1.0COI) HS, positive (≥ 1.0COI)	≤ 0.10 SD ≤ 10% CV	0.006, 0.034 COI SD 5.9, 6.8, 6.4% CV	n/a		n/a
HIV Ag	HS, neg - HS, low pos HS, positive PC HIV Ag 1 PC HIV Ag 2	 ≤ 5 % CV - ≤ 10 % CV ≤ 5 % CV	7.6% CV 0.9% CV 4.1% CV 4.7% CV 1.6% CV	HS, neg - HS, low pos HS, positive PC HIV Ag 1 PC HIV Ag 2	 - - ≤ 20 % CV ≤ 10 % CV	11.7% CV 4.8% CV 3.9% CV 5.4% CV 2.6% CV	n/a		n/a
HIV combi PT	HS neg Anti-HIV-1 pos. Anti-HIV-2 pos. HIV Ag pos.	SD ≤ 0.06 ≤ 6 % CV ≤ 6 % CV ≤ 6% CV	0.007 COI SD 2.3, 1.7% CV 2.8% CV 2.2% CV	HS neg Anti-HIV-1 pos. Anti-HIV-2 pos. HIV Ag pos.	SD ≤ 0.09 ≤ 10 % CV ≤ 10 % CV ≤ 10% CV	0.01 COI SD 3.0, 2.2% CV 3.6% CV 2.9% CV	n/a		n/a
HTLV-I/II	0 to 1.0 COI COI > 1.0	SD ≤ 0.07 COI ≤ 5.5% CV	0.001, 0.018, 0.018 COI SD 1.7, 2.1, 1.0% CV	0 to 1.0 COI COI > 1.0	SD ≤ 0.1 COI ≤ 7.5% CV	0.002, 0.026, 0.022 COI SD 2.4, 3.2, 2.8% CV	n/a		n/a
Syphilis	COI < 1.0 COI ≥ 1.0 (corresponds to 7% incl 95% conf. Interval)	SD ≤ 0.07 COI ≤ 5.5% CV	0.001 COI SD 1.5, 2.4, 2.2, 1.8% CV	COI < 1.0 COI ≥ 1.0 (corresponds to 10% incl 95% conf. Interval)	SD ≤ 0.1 COI ≤ 7.5% CV	0.006 COI SD 5.4, 6.3, 4.7, 4.4% CV	n/a		n/a

HS Human sera. - No information. n/a Not available at the moment.

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Elecsys Assay	Specified repeatability (within-run precision)	Internal eval. repeatability	Specified intermediate precision (within lab preci.)	Internal eval. Intermediate prec.	Specified intermodule precision	Internal eval. intermodule prec.
CMV IgG	LoD to ≤ 1.0 U/mL ≤ 0.06 U/mL SD > 1.0 to 500 U/mL ≤ 6.0 % CV	0.010, 0.023% CV 2.0, 0.9, 1.3% CV	LoD to ≤ 1.0 U/mL ≤ 0.08 U/mL SD > 1.0 to 500 U/mL ≤ 8.0 % CV	0.011, 0.023% CV 4.6, 1.1, 1.6% CV	n/a	n/a
CMV IgG Avidity	Low avidity (<45.0 Avi%) ≤ 8 % CV Gray zone (45.0-54.9 Avi%) ≤ 8 % CV High avidity (≥ 55.0 Avi %) ≤ 8 % CV	3.3% CV 2.3% CV 1.7% CV	Low avidity (<45.0 Avi%) ≤ 10 % CV Gray zone (45.0-54.9 Avi%) ≤ 10 % CV High avidity (≥ 55.0 Avi %) ≤ 10 % CV	3.4% CV 2.6% CV 1.9% CV	n/a	n/a
CMV IGM	< 0.6 COI ≤ 0.06 COI SD > 0.6 COI ≤ 7 % CV	0.002, 0.002 COI SD 1.6, 1.3% CV	< 0.6 COI ≤ 0.09 COI SD > 0.6 COI ≤ 10 % CV	0.010.01 COI SD 6.1, 4.9, 3.7% CV	< 0.6 COI ≤ 0.09 COI SD > 0.6 COI ≤ 10 % CV	0.01 COI SD 2.4, 2.3% CV
HSV-1 IgG	≤ 0.8 COI ≤ 0.1 COI SD > 0.8-2.0 COI ≤ 6 % CV > 2 COI ≤ 8 % CV	0.0004 COI SD 1.6% CV 0.8% CV	≤ 0.8 COI ≤ 0.15 COI SD > 0.8-2.0 COI ≤ 8 % CV > 2 COI ≤ 10 % CV	0.000 COI SD 4.1% CV 3.0% CV	n/a	n/a
HSV-2 IgG	≤ 0.8 COI ≤ 0.1 COI SD > 0.8-2.0 COI ≤ 6 % CV > 2 COI ≤ 8 % CV	0.0007 COI SD 1.3% CV 0.9% CV	≤ 0.8 COI ≤ 0.15 COI SD > 0.8-2.0 COI ≤ 8 % CV > 2 COI ≤ 10 % CV	0.001 COI SD 1.6% CV 1.3% CV	n/a	n/a
Rubella IgG	< 5 IU/ml < 1 IU/ml SD > 5 IU/ml < 10% CV	0.074 IU/ml SD 2.6, 1.1, 1% SD	< 5 IU/ml < 1.1 IU/ml SD > 5 IU/ml < 12% CV	0.15 IU/ml 3.3, 3.2, 3.3% CV	< 5 IU/ml < 1.1 IU/ml SD > 5 IU/ml < 15% CV	0.03, 0.12 IU/ml 2.2, 4.9% CV
Rubella IgM	HS neg: ≤ 7 % CV HS, pos. ≤ 7 % CV PC Rub. IgM 1 ≤ 7 % CV PC Rub. IgM 2 ≤ 7 % CV	1.9% CV 1, 1.2% CV 1.3% CV 1.3% CV	HS neg (0.25 COI) ≤ 25 % CV HS, pos. ≤ 10 % CV	11, 9.5% CV 3.4, 2.7% CV	≤ 13 % CV	6.1, 8, 8.1, 7, 8.4% CV
Toxo IgG	HS neg: ≤ 7 % CV HS, pos. ≤ 7 % CV PC Toxo IgG 1 ≤ 7 % CV PC Toxo IgG 2 ≤ 7 % CV	1.5, 1.3 % CV 1.6 % CV 2.1% CV	HS neg: ≤ 10 % CV HS, pos. ≤ 10 % CV PC Toxo IgG 1 ≤ 10 % CV PC Toxo IgG 2 ≤ 10 % CV	4.2, 5.3% CV 5.7% CV 3.0% CV	HS neg: ≤ 13 % CV HS, pos. ≤ 13 % CV PC Toxo IgG 1 ≤ 13 % CV PC Toxo IgG 2 ≤ 13 % CV	3.5% CV 8.9% CV
Toxo IgG Avidity	n/a	n/a	n/a	n/a	Low av. samples ≤ 10 % CV Greyzone samples ≤ 8 % CV High-av. samples ≤ 8 % CV	5.2, 8.7, 2.7% CV 1% CV 1.5, 0.5% CV
Toxo IgM	HS neg: ≤ 7 % CV HS, pos. ≤ 7 % CV PC Toxo IgM 1 ≤ 7 % CV PC Toxo IgM 2 ≤ 7 % CV	1.9, 1.6% CV 2.5% CV 1.6% CV	HS neg: ≤ 10 % CV HS, pos. ≤ 10 % CV PC Toxo IgM 1 ≤ 10 % CV PC Toxo IgM 2 ≤ 10 % CV	4, 3.6 % CV 2.7% CV 3% CV	HS neg: ≤ 13 % CV HS, pos. ≤ 13 % CV PC Toxo IgM 1 ≤ 13 % CV PC Toxo IgM 2 ≤ 13 % CV	2.0, 2.6% CV 4.3, 7.4% CV

n/a not available

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Elecsys Assay	Specified repeatability (within-run precision)	Internal eval. repeatability	Specified intermediate precision (within lab preci.)	Internal eval. Intermediate prec.	Specified intermodule precision	Internal eval. intermodule prec.
EBV IgM	< 1.0 COI SD ≤ 0.08 COI ≥ 1.0 COI CV ≤ 8.0 %	0.004 / 0.016 COI SD 2.0, 1.3, 2.2 % CV	< 1.0 COI SD ≤ 0.10 COI ≥ 1.0 COI CV ≤ 10.0 %	0.007, 0.022 COI 2.5, 2.0, 2.2 % CV	n/a	n/a
EBV VCA IgG	COI <1.0 SD ≤ 0.08 COI ≥ 1.0 CV ≤ 8.0 %	0.026, 0.033 COI 2.5, 0.9, 1.5 %	COI <1.0 SD ≤ 0.10 COI ≥ 1.0 CV ≤ 10.0 %	0.038, 0.052 COI 6.60, 3.20, 2.50, 2.40 %	n/a	n/a
EBV EBNA IgG	< 1.0 COI SD ≤ 0.08 COI ≥1.0 COI CV ≤ 8.0 %	0.0005, 0.011 SD COI 1.4, 1.8, 1.7 CV %	< 1.0 COI SD ≤ 0.10 COI ≥1.0 COI CV ≤ 10.0 %	0.0006, 0.020 SD COI 2.5, 2.6, 2.4 CV % @ 81.8 COI	n/a	n/a
Chagas	< 1.0 COI ≤ 0.08 COI SD ≥ 1.0 COI ≤ 8% CV	0.001 COI SD 2.2, 2.3% CV	< 1.0 COI ≤ 0.1 COI SD ≥ 1.0 COI ≤ 10% CV	0.001 COI SD 2.6, 2.5% CV	n/a	n/a
ZIKA IgG	HS neg: ≤ n/a COI SD HS, pos. ≤ n/a % CV	0.004, 0.005 COI SD 1.4, 1.5, 1.7, 1.3, 1.2% CV	HS neg: ≤ n/a COI SD HS, pos. ≤ n/a % CV	0.008, 0.009 COI SD 3, 2.8, 3.1, 2.5% CV	HS neg: ≤ n/a COI SD HS, pos. ≤ n/a % CV	n/a
Anti-SARS-CoV-2	COI <1.0 SD ≤ 0.1 COI COI ≥1.0 CV ≤ 10 %	0.001 COI SD 0.8, 1.1, 1.1, 0.9, 0.7% CV	COI <1.0 SD ≤ 0.12 COI COI ≥1.0 CV ≤ 12 %	0.003 COI SD 2.3, 2.7, 2.3, 2.4, 2.5% CV	n/a	n/a
Anti-SARS-CoV-2 S	LEMR-< 1.0 U/ml SD ≤ 0.1 U/ml SD ≥1.0-20 U/ml ≤ 10% CV >20 U/ml-HEMR ≤ 15% CV	0.007, 0.014 U/ml SD 1.8, 1.6% CV 1.4, 2.1, 1.8% CV	LEMR-< 1.0 U/ml SD ≤ 0.12 U/ml SD ≥1.0-20 U/ml ≤ 12% CV >20 U/ml-HEMR ≤ 17% CV	0.016, 0.022 U/ml SD 3.2, 2.8% CV 2.7, 3.6, 2.8% CV	n/a	n/a
SARS-CoV-2 Antigen	COI <1.0 SD ≤ 0.1 COI COI ≥1.0 CV ≤ 10%	0.013, 0.017 COI SD 3.3, 2.3, 1.4% CV	COI <1.0 SD ≤ 0.12 COI COI ≥1.0 CV ≤ 12%	0.017, 0.019 COI SD 3.5, 2.9, 2.4 % CV	n/a	n/a
IGRA SARS-CoV-2	0.07 – 1.0 IU/ml ≤ 0.05 IU/ml SD > 1 – 160 IU/ml ≤ 5% CV	0.006 IU/ml SD 0.8, 1.0, 1.2, 1.3% CV	0.07 – 1.0 IU/ml ≤ 0.07 IU/ml SD > 1 – 160 IU/ml ≤ 7% CV	0.016 IU/ml SD 2.5, 2.9, 3.1, 3.1 % CV	n/a	n/a
Interferon Gamma	0.07 – 1.0 IU/ml ≤ 0.05 IU/ml SD > 1 – 160 IU/ml ≤ 5% CV	0.006 IU/ml SD 0.8, 1.0, 1.2, 1.3% CV	0.07 – 1.0 IU/ml ≤ 0.07 IU/ml SD > 1 – 160 IU/ml ≤ 7% CV	0.016 IU/ml SD 2.5, 2.9, 3.1, 3.1 % CV	n/a	n/a

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Documents Used:

Assay	Method Sheet date / version	Application report
FT3 III	0221/01	2_3_MS_AR_Summary_inclRec_FT3 III_V2_MethodSheet
FT4 III	1019/01	ARa_SummaryReport_ft4 III
FT4 IV	0522/01	2_3_MS_AR_Summary_inclRec_FT4 IV_MethodSheet
T3	0620/01	2_3_MS_AR_Summary_inclRec_T3_V2_MethodSheet
T4	0720/01	2_3_MS_AR_Summary_inclRec_T4_V2_MethodSheet
TSH	0419/01	2_3_AR_Summary TSH V2
T-uptake	1111/18	3tup020a.xls/3tup031a.xls/3tup050a.xls
Tg II	0620/01	2_3_MS_AR_Summary_inclRec_Tg II_V2_MethodSheet
Tg Confirmatory Test	0912/04	
Anti-TG	0911/02	3atg020a.xls/3atg031a.xls/3atg050a.xls
Anti-TPO	0811/02	3atpo020b.xls/3atpo031b.xls/atpo050d.xls
Anti-TSHR	1019/01	AR_Summary ATSHR V2
Calcitonin	0221/01	2_3_MS_AR_Summary_inclRec_Calcitonin_V2_MethodSheet
CK-MB	0812/03	2_3AR01_Application Report Summary_CK-MB.doc
GDF-15	1020/01	2_3_MS_AR_Summary_inclRec_GDF-15_V2
Myoglobin	0812/14	3myo020a.xls/3myo031a.xls/3myo050a.xls
proBNP II	0321/01	2_3_MS_AR_Summary_inclRec_proBNP II_V2_MethodSheet_09315268190
Troponin I	0712/05	PSD / package insert / Tnl MP_E170_031x_InterModPrecision.xls
Troponin T hs	0321/01	2_3_MS_AR_Summary_inclRec_TnThs_V2_MethodSheet_09315322190
Digoxin	0512/18	3dig020b.xls/3dig031b.xls/3dig050b.xls
Digitoxin	0612/11	3dit020b.xls/3dit031b.xls/3dit050b.xls
HCG+β	0412/15	3hb2020b.xls/3hb2031a.xls/3hb2050a.xls
HCG STAT	0920/02	2_3_MS_AR_Summary_inclRec_HCGSTAT_V2_MethodSheet_v2.0
ACTH	0122/01	2_3_MS_AR_Summary_inclRec_ACTH_V2_MethodSheet
AMH	1020/01	2_3_MS_AR_Summary_inclRec_AMH_V2_MethodSheet_v2.0
AMH Plus	1020/01	2_3_MS_AR_Summary_inclRec_AMH Plus_V2_MethodSheet_v2.0
Androstenedione	0620/01	AR Summary: Androstenedione Version: 01-Oct-2019
Cortisol II	0615/01	Cortisol II Arx_SummaryReport
Cortisol III Urine	0923/01	2_3_MS_AR_Summary_inclRec_CORT III_MethodSheet
DHEA-S	0912/16	3dhe020a.xls/3dhe031a.xls/3dhe050a.xls
Estradiol III	0605/02	E2_3_ARc-Summary report_E2 III
FSH	0221/01	2_3_MS_AR_Summary_inclRec_FSH_V2_MethodSheet

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Documents Used:

Assay	Method Sheet date / version	Application report
LH	0412/18	3lh020a.xls/3lh031a.xls/3lh050a.xls
Progesterone III	0616/01	2_3_ARC-Summary report_PROGIII
Prolactin II	0312/05	3pro020a.xls/3pro050a.xls/3pro031a.xls
SHBG	0512/10	3shg020a.xls/3shg031a.xls/3shg050a.xls
Testosterone II	0321/01	2_3_MS_AR_Summary_inclRec_Testo II_V2_MethodSheet
C-Peptide	0412/08	3cpe020a.xls/3cpe050a.xls/3cpe031a.xls
Insulin	0412/13	3ins020a.xls/3ins031a.xls/3ins050a.xls
PIGF	0512/05	3PLG050a.xls/3PLG031a.xls
sFlt-1	0512/05	3SFL050b.xls/3SFL031a.xls
AFP	1221/01	2_3_MS_AR_Summary_inclRec_AFP_V2_MethodSheet
AFP-L3	1022/01	3_MS_AR_Summary_inclRec_AFP-L3_MethodSheet
Anti-p53	0221/01	2_3_MS_AR_Summary_inclRec_Anti-p53_MethodSheet_v3.0
CA 125 II	1014/01	3125020a.xls/3125031a.xls/3125050a.xls
CA 15-3 II	0512/16	3153020a.xls/3153031a.xls/3153050a.xls
CA 19-9	0911/20	3119020a.xls/3119031a.xls/3119050a.xls
CA 72-4	0221/01	2_3_MS_AR_Summary_inclRec_CA72-4_V2_MethodSheet
CEA	0512/20	3cea020a.xls/3cea031a.xls/3cea050a.xls
Cyfra 21-1	0812/15	3cyf020a.xls/3cyf031b.xls/3cyf050a.xls
HE4	0612/05	2_AR01_SummaryReport_HE4.doc
NSE	0812/11	3nse020a.xls/3nse031b.xls/3nse050a.xls
PIVKA-II	1221/01	2_3_MS_AR_Summary_inclRec_PIVKA-II_V2_MethodSheet
ProGRP	0720/01	2_3_MS_AR_Summary_inclRec_ProGRP_V2_MethodSheet_v2.0
free PSA	0819/01	Ara_summary_free PSA V2
total PSA	0922/03	3_ARa_SummaryReport_inclRec_TPSA_V2
S100	0220/01	2_3_MS_AR_Summary_inclRec_S100_V2_MethodSheet
SCC	0316/02	2_3ARb_SummaryReport_SCC.doc
Free β hCG	1019/01	AR_Summary free β hcg V2

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Documents Used:

Assay	Method Sheet date / version	Application report
PAPP-A	0819/01	AR_Summary PAPP-A V2
Active B12	1221/01	2_3_MS_AR_Summary_inclRec_Active B12_V2_MethodSheet
Vitamin B12 II	0715/02	2_3_Arc_SummaryReport_B12II
Ferritin	0312/12	3f2g020a.xls/3f2g050b.xls/3f2g031a.xls
Folate III	0823/01	2_3_MS_AR_Summary_inclRec_Folate III_V3_MethodSheet
Folate RBC	1011/01	2_3_Ara_Summary Report_FolRBC.doc
IgE II	0312/06	3ig2020a.xls/3ig2031a.xls/3ig2050a.xls
β -CrossLaps/serum	0421/01	2_3_MS_AR_Summary_inclRec_ β CrossLaps_V2_MethodSheet
N-MID Osteocalcin	1211/14	3oc020b.xls/3oc031a.xls/3oc050b.xls
PTH	0324/01	2_3_MS_AR_Summary_inclRec_PTH_V2_MethodSheet
PTH (1-84)	0521/01	2_3_MS_AR_Summary_inclRec_PTH(1-84)_V2_MethodSheet
total P1NP	0812/09	3P1_020e.xls/3P1_031a.xls/3P1_050c.xls
Vitamin D total III	0322/01	2_3_MS_AR_Summary_inclRec_VITDT 3_MethodSheet
hGH	0211/02	2_3_Ara_SummaryReport_hGH.doc
IGF-1	1117/01	2_3_ARd_SummaryReport v4 IGF-1

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Documents Used:

Assay	Method Sheet date / version	Application report
IGFBP-3	0718/01	AR_Summary IGFBP-3
Anti-CCP	0611/04	3acc050b.xls/3acc031a.xls
BRAHMS PCT	1119/01	AR_Summary PCT V2
IL-6	0920/01	2_3_MS_AR_Summary_inclRec_IL-6_V2_MethodSheet_v2.0
Cyclosporine	1113/02	2_3_AR01_SummaryReport_CSA.doc
Everolimus	0316/01	2_3_AR01_SummaryReport_EVL.doc
Sirolimus	0316/01	2_3_AR02_SummaryReport_SRL.doc
Tacrolimus	1013/02	2_3_AR01_SummaryReport_TCL.doc
β -Amyloid (1-42) CSF II	0521/01	2_3_MS_AR_Summary_inclRec_Abeta42_2_MethodSheet
Phospho-Tau (181P) CSF	0621/01	2_3_MS_AR_Summary_inclRec_pTau_V2_MethodSheet
Total-Tau CSF	0621/01	2_3_MS_AR_Summary_inclRec_tTau_V2_MethodSheet
Anti-HAV II	0322/03	2_3_MS_AR_Summary_inclRec_Anti-HAV II_MethodSheet
Anti-HAV IgM	1012/12	3ham020a.xls/3ham031a.xls/3ham050a.xls
Anti-HBc II	0521/01	2_3_MS_AR_Summary_inclRec_Anti-HBc II_V2_MethodSheet
Anti-HBc IgM	0212/14	3hbm020a.xls/3hbm031a.xls/3hbm050a.xls
Anti-HBe	0610/13	3hbe020a.xls/3hbe031a.xls/3hbe050a.xls
HBeAg	0610/15	3eag020a.xls/3eag031a.xls/3eag050a.xls
HBeAg quant	1123/01	2_3_MS_AR_Summary_inclRec_HBeAg_quant_MethodSheet
Anti-HBs II	1119/01	AR_Summary A-HBSII V2
HBsAg II	1019/01	AR_Summary HBsAg II V2
HBsAg II quant II	1019/01	AR_Summary HBsAgIIQII
HBsAg Confirmatory Test	0812/22	3_Arb_SummaryReport_Abeta42
Anti-HCV II	0222/01	2_3_MS_AR_Summary_inclRec_Anti-HCV II_V2_MethodSheet
Anti-HEV IgG	0923/01	2_3_MS_AR_Summary_inclRec_Anti-HEV IgG_MethodSheet
Anti-HEV IgM	0923/01	2_3_MS_AR_Summary_inclRecAnti-HEV IgM_MethodSheet = ab V2.0

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Documents Used:

Assay	Method Sheet date / version	Application report
Chagas	0622/02	2_3_MS_AR_Summary_inclRec_Chagas_V2
HIV Ag	0712/11	Precision from internal evaluation report
HIV Ag Conf. Test	1108/09	n/a
HIV combi PT	1020/01	2_3_MS_AR_SummaryReport_inclRec_HIVcPT_V2_MethodSheet
HTLV-I/II	0222/01	2_3_MS_AR_Summary_inclRec_HTLV_V2_MethodSheet
Syphilis	0321/01	2_3_MS_AR_Summary_inclRec_Syphilis_V2_MethodSheet
CMV IgG	0122/01	2_3_MS_AR_Summary_inclRec_CMV_IgG_V2_MethodSheet
CMV IgG Avidity	0122/01	2_3_MS_AR_Summary_inclRec_CMV_IgG_Avidity_V2_MethodSheet
CMV IgM	0712/05	3CMM050a.xls (NCCLS precision)
HSV-1 IgG	1221/01	2_3_MS_AR_Summary_inclRec_HSV-1_IgG_V2_MethodSheet
HSV-2 IgG	1221/01	2_3_MS_AR_Summary_inclRec_HSV-2_IgG_V2_MethodSheet
Rubella IgG	1012/06	Precision from internal evaluation report
Rubella IgM	1012/07	Precision from internal evaluation report
Toxo IgG	0612/10	Precision from internal evaluation report
Toxo IgG Avidity	0712/03	2_3_ARA-SummaryReport_ToxoIgG_Avidity
Toxo IgM	1211/07	Precision from internal evaluation report
EBV IgM	0620/01	2_3_MS_AR_Summary_inclRec_EBV_IgM_MethodSheet
EBV VCA IgG	0620/01	2_3_MS_AR_Summary_inclRec_EBV_VCA_IgG_MethodSheet
EBV EBNA IgG	0620/01	2_3_MS_AR_Summary_inclRec_EBV_EBNA_MethodSheet
Anti-SARS-CoV-2 S	1020/01	2_3_MS_AR_Summary_inclRec_ACOV2S_MethodSheet.
SARS-CoV-2 Antigen	1220/01	2_3_MS_AR_Summary_inclRec_SARS-CoV-2_Antigen_MethodSheet
IGRA SARS-CoV-2	0822/02	2_3_MS_AR_Summary_inclRec_IGRA_SARS-CoV-2_MethodSheet
Interferon Gamma	1123/02	2_3_MS_AR_Summary_inclRec_IFNG_MethodSheet

STAT Tests (CK-MB STAT ect.) can only be used on cobas e 602 and cobas e 601.



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For this document are the contents of the current Elecsys® Application Reports used. The used method sheet versions and Application Reports are listed above. Original datas are available in the corresponding method sheets and Application Reports.

Several products are available in US as US versions with the same or different cat.no., and / or ACNs or other specifications e.g. measuring range.

LEMR = Low end measuring range

HEMR = High end measuring range

n/a = not available