

Elecsys® CalSet
Traceability And Uncertainty

Routine Method Elecsys® Systems Immunoassay THYROID	Reference Method	Reference Material	Selected Measurement Procedure	Calibrator Value	Uncer- tainty ¹	Unit
Anti-TG CalSet 06368603		International Standard (NIBSC) 65/93		Cal. 1: 37.7 Cal. 2: 3200	4.9 176	kIU/L
Anti-TPO CalSet 06472931		International Standard (NIBSC) 66/387		Cal. 1: 35 Cal. 2: 378	1.4 10.1	kIU/L
Calcitonin CalSet 06445861		WHO 2nd IRP 89/620		Cal. 1: 2.11 Cal. 2: 489	0.093 4.85	pg/ml
FT3 CalSet 03051994	Equilibrium dialysis			Cal. 1: 2.18 Cal. 2: 40.6	0.16 0.73	pmol/L
FT3 III CalSet 06437222			Inhouse reference system (FT3 03051986)	Cal. 1: 2.43 Cal. 2: 39.1	0.083 0.586	pmol/l
FT4 CalSet 11731661			Inhouse reference system (commercially available FT4 enzyme-immunoassay)	Cal. 1: 10 Cal. 2: 45	0.28 1.38	pmol/L
FT4 II CalSet 06437290			Inhouse reference system (FT4 11731297)	Cal. 1: 10 Cal. 2: 46.9	0.134 0.591	pmol/l
T3 CalSet 11731548	Gravimetry			Cal. 1: 1.3 Cal. 2: 8.49	0.04 0.35	nmol/L
T4 CalSet 12017717	ID-GC/MS (Isotope dilution gas chromatography/mass spectrometry)			Cal. 1: 51.5 Cal. 2: 232	3.11 12.5	nmol/L
T-uptake CalSet 11731505		Reference Sera Pools with value of 0 and 1		Cal. 1: 0.37 Cal. 2: 1.31	0.07 0.02	TBI
T-uptake CalSet 06528309		Reference like 11731505		Cal. 1: 0.44 Cal. 2: 1.29	0.026 0.016	TBI

¹ The uncertainty (expanded uncertainty; k = 2) was calculated in accordance with the "Guide to the expression of uncertainty in measurement" (GUM:1993).

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TSH CalSet 04738551		WHO 2nd IRP (80/558)		Cal. 1: 0 Cal. 2: 1.71	0.00 0.02	mIU/L
TG CalSet 11820940		Certified Reference Material (CRM), 457 (Community Bureau of Reference)		Cal. 1: 4.24 Cal. 2: 858	0.12 14.1	µg/L
TG II CalSet 06445900		BCR Reference Material No. 457 Human Thyroglobulin		Cal. 1: 0.254 Cal. 2: 170	0.011 1.605	ng/ml
a-TSHR CalSet 04388780		International Standard (NIBSC) 90/672		Cal. 1: 0.63 Cal. 2: 25.3	0.11 0.33	IU/L

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Routine Method Elecsys® Systems Immunoassay CARDIAC	Reference Method	Reference Material	Selected Measurement Procedure	Calibrator Value	Uncer- tainty ¹	Unit
CK-MB STAT CalSet 05957656			Inhouse reference system (microparticle immunoassay, commercially available CK-MB test)	Cal. 1: 1.50 Cal. 2: 25.2	0.05 0.58	ng/mL
CK-MB CalSet 05957664			Inhouse reference system (Elecsys CK-MB STAT)	Cal. 1: 1.53 Cal. 2: 24.0	0.05 0.48	ng/mL
CK-MB CalSet 07394667			Inhouse reference system (Elecsys CK-MB STAT)	Cal. 1: 1.56 Cal. 2: 23.6	0.096 0.480	ng/mL
CK-MB STAT CalSet 07394667			Inhouse reference system (microparticle immunoassay, commercially available CK-MB test)	Cal. 1: 1.57 Cal. 2: 23.5	0.106 0.517	ng/mL
Digitoxin CalSet 03002667	Gravimetry			Cal. 1: 5.32 Cal. 2: 64.2	0.13 0.66	µg/L
Digoxin CalSet 11820907	Gravimetry			Cal. 1: 0.53 Cal. 2: 3.68	0.03 0.09	µg/L
GDF-15 CalSet 07125941	Gravimetry			Cal. 1: 398 Cal. 2: 13000	5.839 134.74	pg/mL
Myoglobin STAT CalSet 11820893		Inhouse reference material		Cal. 1: 28.5 Cal. 2: 1240	0.74 46.46	ng/mL
Myoglobin CalSet 12178222			Inhouse reference system (Elecsys Myoglobin STAT)	Cal. 1: 27.0 Cal. 2: 1170	0.40 51.00	ng/mL

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Myoglobin STAT CalSet 07394675		Inhouse reference material		Cal. 1: 33.9 Cal. 2: 1049	2.367 19.013	ng/mL
Myoglobin CalSet 07394675			Inhouse reference system (Elecsys Myoglobin STAT)	Cal. 1: 28.2 Cal. 2: 1048	4.986 24.555	ng/mL

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Routine Method Elecsys® Systems Immunoassay CARDIAC	Reference Method	Reference Material	Selected Measurement Procedure	Calibrator Value	Uncer- tainty ¹	Unit
Troponin T CalSet 04856627 (für RP TnT 4.Gen 04491815)			Inhouse reference system (Elecsys Troponin T STAT 4.Gen)	Cal. 1: 0.078 Cal. 2: 10.3	0.001 0.20	µg/L
Troponin T STAT CalSet 04856643 (für RP TnT 4.Gen STAT 04660307)			Inhouse reference system (Elecsys Troponin T STAT 3.Gen)	Cal. 1: 0.078 Cal. 2: 10.1	0.002 0.103	µg/L
Troponin T CalSet 07401701			Inhouse reference system (Elecsys Troponin T STAT 4.Gen)	Cal. 1: 0.0573 Cal. 2: 9.51	0.001 0.063	µg/L
Troponin T STAT CalSet 07401701			Inhouse reference system (Elecsys Troponin T STAT 4.Gen)	Cal. 1: 0.0547 Cal. 2: 9.12	0.002 0.083	µg/L

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Routine Method Elecsys® Systems Immunoassay CARDIAC	Reference Method	Reference Material	Selected Measurement Procedure	Calibrator Value	Uncer- tainty ¹	Unit
proBNP CalSet 03121658	Gravimetry			Cal. 1: 136 Cal. 2: 2690	3.24 22.2	pg/mL
proBNP II CalSet 04842472			inhouse reference system (Elecsys proBNP 1.GEN)	Cal. 1: 140 Cal. 2: 2718	1.89 38.0	pg/mL
proBNP II STAT CalSet 05390109			inhouse reference system (Elecsys proBNP II)	Cal. 1: 140 Cal. 2: 2800	2.15 29.9	pg/mL
proBNP II CalSet 0736 0886			Inhouse reference system (Elecsys proBNP II)	Cal. 1: 132 Cal. 2: 2346	5.90 57.8	pg/mL
proBNP II CalSet (STAT) 0736 0886			Inhouse reference system (Elecsys proBNP II)	Cal. 1: 143 Cal. 2: 2567	3.57 56.7	pg/mL
Troponin T hs CalSet 05092752 (für RP TnT hs 05092744)			Inhouse reference system (Elecsys Troponin T STAT 4.Gen)	Cal. 1: 19.5 Cal. 2: 4790	10.6 57.5	pg/mL
Troponin T hs STAT CalSet 05092736 (für RP TnT hs STAT 05092728)			Inhouse reference system (Elecsys Troponin T hs)	Cal. 1: 17.7 Cal. 2: 4100	9.75 55.4	pg/mL
Troponin T hs CalSet 07401671			Inhouse reference system (Elecsys Troponin T STAT 4.Gen)	Cal. 1: 19.1 Cal. 2: 4338	0.970 52.287	pg/mL

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Troponin T hs STAT CalSet 07401671			Inhouse reference system (Elecsys Troponin T hs)	Cal. 1: 22.0 Cal. 2: 4999	0.927 57.592	pg/mL
Troponin T Gen5 CalSet 08250499			Inhouse reference system (Elecsys Troponin T STAT 4.Gen)	Cal. 1: 19.1 Cal. 2: 4338	0.970 52.287	pg/mL
Troponin T Gen5 STAT CalSet 08250499			Inhouse reference system (Elecsys Troponin T Gen5)	Cal. 1: 22.0 Cal. 2: 4999	0.927 57.592	pg/mL
Troponin I CalSet 05094828			Inhouse reference system (commercially available Troponin I test)	Cal. 1: 0.36 Cal. 2: 28	0.014 0.401	µg/L
Troponin I STAT CalSet 05094801			Inhouse reference system (Elecsys Troponin I)	Cal. 1: 0.46 Cal. 2: 32.2	0.018 0.415	µg/L
Troponin I CalSet 07439547			Inhouse reference system (commercially available Troponin I test)	Cal. 1: 0.387 Cal. 2: 27.6	0.016 0.302	µg/L
Troponin I STAT CalSet 07439547			Inhouse reference system (commercially available Troponin I test)	Cal. 1: 0.401 Cal. 2: 28.7	0.014 0.347	µg/L

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Routine Method Elecsys® Systems Immunoassay TUMOR MARKER	Reference Method	Reference Material	Selected Measurement Procedure	Calibrator Value	Uncer- tainty ¹	Unit
AFP CalSet Gen.2.1 04487761		1 st IRP WHO Reference Standard 72/225		Cal. 1: 4.55 Cal. 2: 49.2	1.55 2.24	kIU/L
Anti-p53 CalSet 07751621	Gravimetry (inhouse reference material)			Cal. 1: 0.005 Cal. 2: 50.4	0.002 1.866	µg/ml
CA 125 II CalSet 11776240			Inhouse reference system (commercially available CA 125 radiobinding immunoassay)	Cal. 1: 33.5 Cal. 2: 504	1.74 13.76	kIU/L
CA 125 Gen2 CalSet 07030207			Inhouse reference system (commercially available CA 125 radiobinding immunoassay)	Cal. 1: 0 Cal. 2: 512	2.65 7.32	kIU/L
CA 15-3 CalSet 03045846			Inhouse reference system (commercially available CA15-3 radiobinding immunoassay)	Cal. 1: 13.8 Cal. 2: 93.4	0.82 2.37	kIU/L
CA 19-9 CalSet 11776215			Inhouse reference system (commercially available CA19-9 radiobinding immunoassay)	Cal. 1: 21.2 Cal. 2: 250	3.25 6.55	kIU/L
CA 72-4 CalSet 11776274			Inhouse reference system (commercially available CA72-4 radiobinding immunoassay)	Cal. 1: 0.93 Cal. 2: 69.2	0.24 2.68	kIU/L
CEA CalSet 11731645		1 st IRP WHO Reference Standard 73/601		Cal. 1: 4.33 Cal. 2: 48.7	0.11 1.33	µg/L
Cyfra 21-1 CalSet 11820974			Inhouse reference system (commercially available Cyfra 21-1 enzyme-immunoassay)	Cal. 1: 0.00 Cal. 2: 44.7	0.10 0.64	µg/L
free PSA CalSet 03289796		WHO 96/668 (100% freePSA)		Cal. 1: 0.17 Cal. 2: 34.6	0.01 0.41	µg/L

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HE4 CalSet 05950945			HE4 Fujirebio MTP	Cal. 1: 4.66 Cal. 2: 205	1.35 12.6	pmol/L
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Routine Method Elecsys® Systems Immunoassay TUMOR MARKER	Reference Method	Reference Material	Selected Measurement Procedure	Calibrator Value	Uncer- tainty ¹	Unit
NSE CalSet 12133121			Inhouse reference system (commercially available NSE enzyme-immunoassay)	Cal. 1: 0.30 Cal. 2: 33.4	0.03 0.47	µg/L
PAPP-A CalSet 04854101			Kryptor PAPP-A (BRAHMS)	Cal. 1: 82.0 Cal. 2: 2500	2.93 98.09	mU/L
proGRP CalSet 06505970			Inhouse reference system (commercially available proGRP immunoassay)	Cal. 1: 13.2 Cal. 2: 232	3.541 3.776	pg/ml
S100 CalSet 03289834		Fa. Affinity S100 antigen lot. no. Z03833		Cal. 1: 0.045 Cal. 2: 1.77	0.00 0.02	µg/L
SCC CalSet 07126999	Abbott Architect SCC			Cal. 1: 1.24 Cal. 2: 22.5	0.105 0.238	ng/mL
total PSA CalSet II 04485220		WHO 96/670 (90% PSA- ACT+10% free PSA)		Cal. 1: 0.000 Cal. 2: 57.3	0.14 1.29	µg/L

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Routine Method Elecsys® Systems Immunoassay FERTILITY	Reference Method	Reference Material	Selected Measurement Procedure	Calibrator Value	Uncertainty¹	Unit
AMH CalSet 06331084	Beckmann Coulter AMH GII			Cal. 1: 0.025 Cal. 2: 9.24	0.002 0.363	ng/mL
AMH Plus CalSet 07957203	Beckmann Coulter AMH GII			Cal. 1: 0.39 Cal. 2: 53.8	0.046 2.582	pmol/L
DHEA-S CalSet 03000095	Gravimetry			Cal. 1: 0.14 Cal. 2: 19.5	0.02 1.0	µmol/L
Estradiol II CalSet 03064921	ID-GC/MS (Isotope dilution gas chromatography/mass spectrometry)			Cal. 1: 55 Cal. 2: 9909	4.0 198	pmol/L
Estradiol Gen3 CalSet 06656048	ID-GC/MS (Isotope dilution gas chromatography/mass spectrometry)			Cal. 1: 23.9 Cal. 2: 1950	4.23 67.186	pg/mL
FSH CalSet II 03032680		2 nd IRP WHO 78/549		Cal. 1: 0.89 Cal. 2: 52.2	0.13 1.4	IU/L
LH CalSet II 03561097		2 nd International Standard (NIBSC) 80/552		Cal. 1: 0.86 Cal. 2: 47	0.06 1.5	IU/L
PLGF CalSet 05144701			Inhouse reference system (commercially available PLGF microtiterplate immunoassay)	Cal. 1: 2.85 Cal. 2: 1040	0.40 15.2	ng/L

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Routine Method Elecsys® Systems Immunoassay FERTILITY	Reference Method	Reference Material	Selected Measurement Procedure	Calibrator Value	Uncertainty ¹	Unit
Progesterone CalSet 12145391	ID-GC/MS (Isotope dilution gas chromatography/mass spectrometry)			Cal. 1: 0.3 Cal. 2: 162	0.13 6.36	nmol/L
Progesterone III CalSet 07092547	ID-GC/MS (Isotope dilution gas chromatography/mass spectrometry)			Cal. 1: 0.015 Cal. 2: 51.1	0.017 2.076	ng/ml
Prolactin II CalSet 03277356		WHO 3 rd IRP 84/500		Cal. 1: 0,075 Cal. 2: 2100	0.04 37,2	mIU/L
sFit-1 CalSet 05109531			Inhouse reference system (commercially available sFit-1 microtiterplate immunoassay)	Cal. 1: 0 Cal. 2: 15100	0.00 227	ng/L
SHBG CalSet 03052028		NIBSC 1 st International Standard 95/560		Cal. 1: 0.22 Cal. 2: 37.0	0.03 1.56	nmol/L
Testosterone II CalSet 05202230	ID-GC/MS (Isotope dilution gas chromatography/mass spectrometry)			Cal. 1: 1.46 Cal. 2: 36.1	0.07 1.10	nmol/L

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Routine Method Elecsys® Systems Immunoassay FERTILITY	Reference Method	Reference Material	Selected Measurement Procedure	Calibrator Value	Uncer- tainty ¹	Unit
hCG STAT CalSet 03303071		4 th Standard 1999 (NIBSC), coded 75/589		Cal. 1: 9.97 Cal. 2: 4900	0.18 49.09	IU/L
hCG+β CalSet 03302652		4 th Standard 1999 (NIBSC), coded 75/589		Cal. 1: 1.65 Cal. 2: 1920	0.13 26.98	IU/L
free hCG beta CalSet 04854080		International Reference Preparation of Chorionic Gonadotrophin Beta Subunit, human, for immunoassay (NIBSC), coded 75/551		Cal. 1: 0.94 Cal. 2: 60.3	0.016 0.775	IU/L

¹ The uncertainty (expanded uncertainty; k = 2) was calculated in accordance with the "Guide to the expression of uncertainty in measurement" (GUM:1993).

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Routine Method Elecsys® Systems Immunoassay ANEMIA	Reference Method	Reference Material	Selected Measurement Procedure	Calibrator Value	Uncer- tainty ¹	Unit
Active B12 CalSet 07726350		WHO NIBSC 03/178		Cal. 1: 5.15 Cal. 2: 114	0.412 9.546	pmol/L
Ferritin CalSet 03737586		NIBSC Standard #80/602		Cal. 1: 9.92 Cal. 2: 293	1.18 7.68	µg/L
Folate III CalSet 04874072			Elecsys Folat II	Cal. 1: 1.23 Cal. 2: 16.1	0.14 0.31	µg/L
Folate III CalSet 07560001		WHO IS 03/178		Cal. 1: 1.39 Cal. 2: 16.0	0.30 0.66	µg/L
Folate RBC CS 05944309			Elecsys Folat III	Cal. 1: 48.2 Cal. 2: 540	28.9 75.8	µg/L
Folate III CalSet 0739 6473			Inhouse reference system (Elecsys Folat III)	Cal. 1: 1.75 Cal. 2: 15.8	0.221 0.458	ng/mL
Folate RBC CS 0739 6473			Inhouse reference system (Elecsys Folat III)	Cal. 1: 143 Cal. 2: 623	8.02 77.4	ng/mL
Vitamin B ₁₂ CalSet II 04572459			Inhouse reference system Elecsys B12 I	Cal 1: 216 Cal 2: 1590	2.78 18.3	ng/L
Vitamin B12 II CalSet 07212780			Inhouse reference system Elecsys B12 Gen2	Cal 1: 239 Cal 2: 1420	12.3 36.4	ng/L

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Routine Method Elecsys® Systems Immunoassay BONE	Reference Method	Reference Material	Selected Measurement Procedure	Calibrator Value	Uncer- tainty ¹	Unit
β-CrossLaps CalSet 11972316	Gravimetry (inhouse reference material)			Cal. 1: 50 Cal. 2: 2000	0.01 0.05	ng/mL
N-MID Osteocalcin CalSet 11972111			Inhouse reference system (commercially available osteocalcin enzyme- immunoassay/ radiobinding assay)	Cal. 1: 0 Cal. 2: 280	0.05 6.36	µg/L
PTH CalSet 11972219			Inhouse reference system (commercially available PTH radiobinding assay)	Cal. 1: 0 Cal. 2: 4400	0.07 85.74	ng/L
PTH stat CalSet 04894138			Inhouse reference system (commercially available PTH radiobinding assay)	Cal. 1: 0.86 Cal. 2: 4020	2.63 100	ng/L
PTH 1-84 CalSet 05608554		NIBSC 95/646		Cal. 1: 2.49 Cal. 2: 400	0.138 7.366	ng/L
PTH CalSet 0736 0894			Inhouse reference system (Elecsys PTH)	Cal. 1: 0.465 Cal. 2: 4140	0.115 32.5	pg/mL
PTH stat CalSet 0736 0894			Inhouse reference system (Elecsys PTH)	Cal. 1: 0.751 Cal. 2: 4004	0.222 30.6	pg/mL
P1NP CalSet 03141080	Gravimetry (inhouse reference material)			Cal. 1: 21.8 Cal. 2: 826	0.77 23.78	µg/L
hGH CalSet 05390133		NIBCS/WHO 98/574 in hGH free human serum		Cal. 1: 0 Cal. 2: 9950	0 81.95	ng/L

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Routine Method Elecsys® Systems Immunoassay BONE	Reference Method	Reference Material	Selected Measurement Procedure	Calibrator Value	Uncer- tainty¹	Unit
Vitamin D total CalSet 05894921		NIST-Standard		Cal. 1: 1.22 Cal. 2: 42.8	0.30 2.31	ng/mL
Vitamin D total CalSet for US 06506798		NIST-Standard		Cal. 1: 1.94 Cal. 2: 36.1	0.46 0.87	ng/mL
Vitamin D total G2 CalSet 0746 4240	LC-MS/MS			Cal. 1: 1.32 Cal. 2: 43.1	1.709 0.970	ng/mL

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Routine Method Elecsys® Systems Immunoassay SEPSIS	Reference Method	Reference Material	Selected Measurement Procedure	Calibrator Value	Uncer- tainty¹	Unit
IL-6 CalSet 05109469		1st International Standard (NIBSC) 89/548		Cal. 1: 16.0 Cal. 2: 625	0.30 2.91	ng/L
PCT CalSet 05056888			PCT BRAHMS LIA	Cal. 1: 0.10 Cal. 2: 52.6	0.04 4.75	ng/ml
PCT CalSet 07027630 07301715			PCT BRAHMS LIA	Cal. 1: 0.115 Cal. 2: 53.4	0.022 0.637	ng/ml

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Routine Method Elecsys® Systems Immunoassay RA	Reference Method	Reference Material	Selected Measurement Procedure	Calibrator Value	Uncer- tainty¹	Unit
a-CCP CalSet 05031656			Eurodiagnostica Immunoscan RA	Cal. 1: 18.3 Cal. 2: 194	0.43 1.68	U/mL
a-CCP CalSet 07251670			Eurodiagnostica Immunoscan RA	Cal. 1: 15.2 Cal. 2: 202	0.240 1.887	U/mL

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Routine Method Elecsys® Systems Immunoassay INFECTIOUS DISEASES	Reference Method	Reference Material	Selected Measurement Procedure	Calibrator Value	Uncer- tainty ¹	Unit
Anti-HAV CalSet 04854977 05524261		Second International Standard for Anti-Hepatitis A, Immunoglobulin, Human, NIBSC code: 97/646		Cal. 1: 9.76 Cal. 2: 48.1	0.34 0.62	IU/L
Anti-HAV CalSet 07026749 07026757		Second International Standard for Anti-Hepatitis A, Immunoglobulin, Human, NIBSC code: 97/646		Cal. 1: 9.11 Cal. 2: 44.8	0.206 0.907	IU/L
Anti-HBs CalSet 11820524		1 st WHO Reference Standard 1977		Cal. 1: 10.9 Cal. 2: 517	0.5 9.1	IU/L
Anti-HBs II CalSet 05894816		1 st WHO Reference Standard 1977	In house reference system (Anti HBs)	Cal. 1: 6.58 Cal. 2: 397	0.13 4.82	IU/L
Anti-HBs II CalSet 07026846 07026854		1 st WHO Reference Standard 1977	In house reference system (Anti HBs)	Cal. 1: 7.83 Cal. 2: 465	0.436 8.281	IU/L
HBsAg II quant 05957435		HBsAg subtype adw2 NIBSC 00/588		Cal. 1: 0 Cal 2: 0.52	0.002 0.021	IU/mL
HBsAg II quant II 07143737		HBsAg subtype adw2 NIBSC 00/588	In house reference system (HBsAg II quant)	Cal. 1: 0 Cal 2: 46.8	0.002 3.174	IU/mL
HBsAg II quant II 07027443		HBsAg subtype adw2 NIBSC 00/588	In house reference system (HBsAg II quant)	Cal. 1: 0 Cal 2: 52.8	0.00 1.489	IU/mL

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Routine Method Elecsys® Systems Immunoassay OTHERS	Reference Method	Reference Material	Selected Measurement Procedure	Calibrator Value	Uncer- tainty ¹	Unit
ACTH CalSet 03255760	Gravimetry			Cal. 1: 15.1 Cal. 2: 127	0.23 3.53	ng/L
Cortisol CalSet 11875124	ID-MS			Cal. 1: 15.1 Cal. 2: 1250	0.9 21	nmol/L
Cortisol CalSet G2 06687750	ID-MS			Cal. 1: 9.21 Cal. 2: 983	0.706 40.875	nmol/L
C-Peptide CalSet 03184919		WHO Reference Reagent IRR 84/510 (NIBSC)		Cal. 1: 0.50 Cal. 2: 17.8	0.01 0.41	µg/L
IgE CalSet 11930427		2 nd IRP WHO Reference Standard 75/502		Cal. 1: 0.99 Cal. 2: 108	0.037 1.45	klU/L
IGF-1 CalSet 07475969		WHO IS 02/254		Cal. 1: 14.5 Cal. 2: 417	0.966 8.892	ng/mL
Insulin CalSet 12017504		WHO Reference Standard 1st IRP 66/304 (NIBSC)		Cal. 1: 5.36 Cal. 2: 301	0.21 4.5	mU/L
pTau CalSet 07357044	Gravimetry (ASA)			Cal. 1: 8.80 Cal. 2: 59.8	0.272 1.030	pg/mL
tTau CalSet 07357010	Gravimetry (ASA)			Cal. 1: 5.7 Cal. 2: 402	8.469 18.331	pg/mL
beta-Amyloid(1-42) CalSet 06986838	Gravimetry via LC-MS			Cal. 1: 20.6 Cal. 2: 1040	10.048 46.029	pg/mL

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Routine Method Elecsys® Systems Immunoassay TORCH	Reference Method	Reference Material	Selected Measurement Procedure	Calibrator Value	Uncer- tainty¹	Unit
CMV IgG 04784596		Positive human sera with arbitrary internal concentrations		Cal. 1: 0 Cal. 2: 40	0.008 0.366	kU/L
Rubella IgG 04618793		1 st WHO Reference Standard RUBI-1-94 (NIBSC)		Cal. 1: 7.0 Cal. 2: 400	0.188 5.607	kiU/L
Toxo IgG 04618815		3rd WHO Reference Standard TOX M (NIBSC)		Cal. 1: 0 Cal. 2: 100	0.065 1.990	kiU/L

¹ The uncertainty (expanded uncertainty; k = 2) was calculated in accordance with the "Guide to the expression of uncertainty in measurement" (GUM:1993).

Elecsys® CalSet
Traceability And Uncertainty

Routine Method Elecsys® Systems Immunoassay ISD	Reference Method	Reference Material	Selected Measurement Procedure	Calibrator Value	Uncer- tainty¹	Unit
Cyclosporine CalSet 05889022	Gravimetry			Cal. 1: 34.6 Cal. 2: 1580	5.63 64.02	ng/mL
Everolimus CalSet 06633196	Gravimetry			Cal. 1: 0.60 Cal. 2: 23.8	0.103 1.054	ng/mL
Sirolimus CalSet 06327982	Gravimetry			Cal. 1: 0.52 Cal. 2: 23.6	0.301 0.745	ng/mL
Tacrolimus CalSet 05889065	Gravimetry			Cal. 1: 0.9 Cal. 2: 28.4	0.093 0.489	ng/mL

¹ The uncertainty (expanded uncertainty; k = 2) was calculated in accordance with the "Guide to the expression of uncertainty in measurement" (GUM:1993).