

Endocrine Control – Level 1

Assignment of values (**REF** BYZKE0101 **LOT** 09D1002)

Instrument	Analyte	Unit	Endocrine Control Level1		
			Target	SD	Range
Auto Lumo A2000 plus/A6000/A1800	17 α -OHP	ng/mL	1.48	0.13	1.09-1.87
	25-OH-VD (IVDD)	ng/mL	21.46	1.84	15.94-26.98
	25-OH-VD (IVDR)	ng/mL	17.49	2.07	11.28-23.70
	ACTH	pg/mL	13.57	1.37	9.46-17.68
	ALD	pg/mL	128.51	11.53	93.92-163.10
	Cor	μ g/dL	5.85	0.69	3.78-7.92
	C-P	ng/mL	3.13	0.29	2.26-4.00
	DHEA-S	μ g/dL	74.20	6.61	54.37-94.03
	E2 (IVDD)	pg/mL	162.55	16.09	114.28-210.82
	E2 (IVDR)	pg/mL	215.43	19.83	155.94-274.92
	FSH	mIU/mL	4.98	0.47	3.57-6.39
	FT3	pmol/L	5.22	0.61	3.39-7.05
	FT4	pmol/L	16.26	1.58	11.52-21.00
	HGH	ng/mL	1.97	0.18	1.43-2.51
	IGF-1	ng/mL	91.00	9.27	63.19-118.81
	INS	μ IU/mL	16.95	1.63	12.06-21.84
	LH	mIU/mL	1.98	0.18	1.44-2.52
	P	ng/mL	1.95	0.23	1.26-2.64
	PRL	μ IU/mL	112.92	10.03	82.83-143.01
	T3	ng/mL	1.07	0.10	0.77-1.37
	T4 (IVDD)	μ g/dL	5.83	0.67	3.82-7.84
	T4 (IVDR)	μ g/dL	5.28	0.45	3.93-6.63
	T	ng/mL	1.55	0.18	1.01-2.09
TG	ng/mL	24.22	2.22	17.56-30.88	
TSH	μ IU/mL	1.45	0.12	1.09-1.81	
β -HCG	mIU/mL	14.96	1.43	10.67-19.25	
Auto Lumo A2000 plus	FA	ng/mL	4.32	0.35	3.27-5.37
	VB12	pg/mL	274.92	22.87	206.31-343.53
Auto Lumo A6000	FA	ng/mL	4.48	0.39	3.31-5.65
	VB12	pg/mL	245.35	28.65	159.40-331.30
Auto Lumo A1800	FA	ng/mL	4.55	0.41	3.32-5.78
	VB12	pg/mL	231.09	22.33	164.10-298.08

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Roche Cobas e601	FSH	mIU/mL	4.78	0.54	3.16-6.40
	PRL	μIU/mL	89.42	8.83	62.93-115.91
	LH	mIU/mL	1.89	0.19	1.32-2.46
	P	ng/mL	1.59	0.19	1.02-2.16
	T	ng/mL	1.78	0.19	1.21-2.35
	E2	pg/mL	155.36	12.97	116.45-194.27
	C-P	ng/mL	2.58	0.21	1.95-3.21
	INS	μU/mL	14.74	1.31	10.81-18.67
	TSH	μIU/mL	1.25	0.13	0.86-1.64
	T3	nmol/L	2.10	0.18	1.56-2.64
	T4	nmol/L	81.08	8.59	55.31-106.85
	FT3	pmol/L	6.05	0.56	4.37-7.73
	FT4	pmol/L	17.52	1.71	12.39-22.65
	Tg	ng/mL	58.28	6.16	39.80-76.76
	DHEA-S	μg/dL	61.00	5.59	44.23-77.77
	β-HCG	mIU/mL	12.53	1.19	8.96-16.10
	Cor	nmol/L	143.36	11.64	108.44-178.28
	HGH	pg/mL	1418.00	154.87	953.39-1882.61
	FA	ng/mL	2.38	0.28	1.54-3.22
	VB12	pg/mL	327.36	27.57	244.65-410.07
25-OH-VD	ng/mL	11.08	0.95	8.23-13.93	
Abbott ARCHITECT i2000SR	FSH	mIU/mL	4.74	0.38	3.60-5.88
	PRL	ng/mL	4.18	0.43	2.89-5.47
	LH	mIU/mL	1.30	0.15	0.85-1.75
	P	ng/mL	1.90	0.19	1.33-2.47
	T	nmol/L	6.30	0.70	4.20-8.40
	E2	pg/mL	151.44	14.65	107.49-195.39
	C-P	ng/mL	2.38	0.20	1.78-2.98
	INS	μU/mL	13.46	1.31	9.53-17.39
	TSH	μIU/mL	1.08	0.09	0.81-1.35
	T3	ng/mL	0.94	0.08	0.70-1.18
	T4	μg/dL	5.23	0.58	3.49-6.97
	FT3	pg/mL	3.16	0.26	2.38-3.94
	FT4	ng/dL	1.03	0.09	0.76-1.30
	β-HCG	mIU/mL	17.27	1.71	12.14-22.40
	FA	ng/mL	2.60	0.27	1.79-3.41
	VB12	pg/mL	292.50	23.99	220.53-364.47

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Beckman DXI800	FSH	mIU/mL	5.34	0.63	3.45-7.23
	PRL	ng/mL	4.27	0.39	3.10-5.44
	LH	IU/L	2.04	0.21	1.41-2.67
	P	nmol/L	4.10	0.37	2.99-5.21
	T	nmol/L	5.61	0.48	4.17-7.05
	E2	pmol/L	643.00	61.41	458.77-827.23
	C-P	ng/mL	2.32	0.24	1.60-3.04
	INS	mIU/L	16.14	1.91	10.41-21.87
	TSH	μIU/mL	0.95	0.10	0.65-1.25
	T3	nmol/L	1.90	0.20	1.30-2.50
	T4	nmol/L	87.63	8.24	62.91-112.35
	FT3	pmol/L	4.13	0.34	3.11-5.15
	FT4	pmol/L	13.27	1.36	9.19-17.35
	β-HCG	IU/L	12.62	1.09	9.35-15.89
	FA	ng/mL	2.21	0.25	1.46-2.96
	VB12	pg/mL	225.80	20.57	164.09-287.51
Siemens Advia Centaur XP	FSH	IU/L	4.78	0.48	3.34-6.22
	PRL	mIU/L	69.85	7.72	46.69-93.01
	LH	IU/L	1.30	0.13	0.91-1.69
	P	nmol/L	5.91	0.56	4.23-7.59
	T	nmol/L	8.17	0.97	5.26-11.08
	E2	pmol/L	715.27	59.41	537.04-893.5
	C-P	nmol/L	0.77	0.09	0.50-1.04
	INS	pmol/L	106.10	10.39	74.93-137.27
	TSH	mIU/L	1.27	0.11	0.94-1.60
	T3	nmol/L	1.89	0.22	1.23-2.55
	T4	nmol/L	72.74	6.17	54.23-91.25
	FT3	pmol/L	6.93	0.68	4.89-8.97
	FT4	pmol/L	16.97	1.45	12.62-21.32
	β-HCG	IU/L	16.04	1.92	10.28-21.80
	Cor	nmol/L	156.54	17.06	105.36-207.72
	25-OH-VD	nmol/L	62.32	5.56	45.64-79.00
FA	nmol/L	8.94	1.02	5.88-12.0	
VB12	pmol/L	245.17	26.24	166.45-323.89	

Remark: The range printed in the assigned value table should only be considered as a reference and it is recommended that each laboratory establish its own mean and acceptable ranges.