

Endocrine Control – Level 2

Assignment of values (REF:BYZKE0201 LOT:09D1002)

Instrument	Analyte	Unit	Endocrine Control Level2		
			Target	SD	Range
Auto Lumo A2000 plus/A6000/A1800	17 α -OHP	ng/mL	5.34	0.50	3.84-6.84
	25-OH-VD (IVDD)	ng/mL	31.78	3.61	20.95-42.61
	25-OH-VD (IVDR)	ng/mL	46.53	4.90	31.83-61.23
	ACTH	pg/mL	44.48	4.58	30.74-58.22
	ALD	pg/mL	291.56	34.41	188.33-394.79
	Cor	μ g/dL	22.33	2.32	15.37-29.29
	C-P	ng/mL	7.86	0.74	5.64-10.08
	DHEA-S	μ g/dL	297.23	25.42	220.97-373.49
	E2 (IVDD)	pg/mL	308.15	25.19	232.58-383.72
	E2 (IVDR)	pg/mL	375.67	41.77	250.36-500.98
	FSH	mIU/mL	14.74	1.59	9.97-19.51
	FT3	pmol/L	10.24	1.21	6.61-13.87
	FT4	pmol/L	25.14	2.49	17.67-32.61
	HGH	ng/mL	9.29	0.89	6.62-11.96
	IGF-1	ng/mL	170.64	14.24	127.92-213.36
	INS	μ IU/mL	61.65	6.35	42.60-80.70
	LH	mIU/mL	17.72	1.66	12.74-22.70
	P	ng/mL	8.91	0.96	6.03-11.79
	PRL	μ IU/mL	323.04	31.17	229.53-416.55
	T3	ng/mL	2.19	0.25	1.44-2.94
	T4 (IVDD)	μ g/dL	9.35	1.10	6.05-12.65
	T4 (IVDR)	μ g/dL	8.49	0.69	6.42-10.56
	T	ng/mL	5.33	0.51	3.80-6.86
TG	ng/mL	69.92	7.28	48.08-91.76	
TSH	μ IU/mL	5.38	0.63	3.49-7.27	
β -HCG	mIU/mL	53.98	4.77	39.67-68.29	
Auto Lumo A2000 plus	FA	ng/mL	7.56	0.77	5.25-9.87
	VB12	pg/mL	418.38	43.04	289.26-547.50
Auto Lumo A6000	FA	ng/mL	6.63	0.61	4.80-8.46
	VB12	pg/mL	368.24	44.03	236.15-500.33
Auto Lumo A1800	FA	ng/mL	8.03	0.85	5.48-10.58
	VB12	pg/mL	355.61	36.92	244.85-466.37

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Roche Cobas e601	FSH	mIU/mL	14.51	1.40	10.31-18.71
	PRL	μIU/mL	279.68	28.09	195.41-363.95
	LH	mIU/mL	13.89	1.17	10.38-17.40
	P	ng/mL	6.84	0.77	4.53-9.15
	T	ng/mL	5.33	0.49	3.86-6.80
	E2	pg/mL	280.38	24.15	207.93-352.83
	C-P	ng/mL	6.42	0.55	4.77-8.07
	INS	μU/mL	55.49	4.59	41.72-69.26
	TSH	μIU/mL	4.55	0.41	3.32-5.78
	T3	nmol/L	4.10	0.49	2.63-5.57
	T4	nmol/L	135.31	15.30	89.41-181.21
	FT3	pmol/L	13.50	1.40	9.30-17.70
	FT4	pmol/L	27.72	2.97	18.81-36.63
	Tg	ng/mL	125.19	13.29	85.32-165.06
	DHEA-S	μg/dL	294.81	26.63	214.92-374.70
	β-HCG	mIU/mL	44.40	3.95	32.55-56.25
	Cor	nmol/L	560.35	59.28	382.51-738.19
	HGH	pg/mL	6521.00	612.51	4683.47-8358.53
	FA	ng/mL	5.33	0.54	3.71-6.95
	VB12	pg/mL	458.28	46.49	318.81-597.75
25-OH-VD	ng/mL	34.78	2.86	26.20-43.36	
Abbott ARCHITECT i2000SR	FSH	mIU/mL	15.17	1.25	11.42-18.92
	PRL	ng/mL	12.88	1.51	8.35-17.41
	LH	mIU/mL	11.25	1.25	7.50-15.00
	P	ng/mL	7.20	0.62	5.34-9.06
	T	nmol/L	16.48	1.79	11.11-21.85
	E2	pg/mL	260.91	22.49	193.44-328.38
	C-P	ng/mL	6.70	0.70	4.60-8.80
	INS	μU/mL	44.82	4.63	30.93-58.71
	TSH	μIU/mL	4.49	0.44	3.17-5.81
	T3	ng/mL	2.08	0.19	1.51-2.65
	T4	μg/dL	8.73	0.88	6.09-11.37
	FT3	pg/mL	6.87	0.64	4.95-8.79
	FT4	ng/dL	1.53	0.17	1.02-2.04
	β-HCG	mIU/mL	61.31	6.26	42.53-80.09
	FA	ng/mL	4.15	0.44	2.83-5.47
	VB12	pg/mL	402.00	42.99	273.03-530.97

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Beckman DXI800	FSH	mIU/mL	16.29	1.41	12.06-20.52
	PRL	ng/mL	13.94	1.50	9.44-18.44
	LH	IU/L	16.36	1.83	10.87-21.85
	P	nmol/L	19.33	2.13	12.94-25.72
	T	nmol/L	16.02	1.91	10.29-21.75
	E2	pmol/L	1012	97	721-1303
	C-P	ng/mL	5.65	0.61	3.82-7.48
	INS	mIU/L	53.09	4.74	38.87-67.31
	TSH	μIU/mL	3.39	0.37	2.28-4.50
	T3	nmol/L	3.85	0.42	2.59-5.11
	T4	nmol/L	154.48	15.34	108.46-200.5
	FT3	pmol/L	8.91	0.82	6.45-11.37
	FT4	pmol/L	23.73	2.13	17.34-30.12
	β-HCG	IU/L	42.20	4.49	28.73-55.67
	FA	ng/mL	4.48	0.38	3.34-5.62
	VB12	pg/mL	336.20	28.62	250.34-422.06
Siemens Advia Centaur XP	FSH	IU/L	16.53	1.59	11.76-21.30
	PRL	mIU/L	201.78	20.21	141.15-262.41
	LH	IU/L	12.41	1.16	8.93-15.89
	P	nmol/L	16.46	1.93	10.67-22.25
	T	nmol/L	17.48	2.04	11.36-23.60
	E2	pmol/L	1294	154.97	829.09-1758.91
	C-P	nmol/L	2.03	0.16	1.55-2.51
	INS	pmol/L	383.16	44.50	249.66-516.66
	TSH	mIU/L	5.29	0.59	3.52-7.06
	T3	nmol/L	3.79	0.42	2.53-5.05
	T4	nmol/L	129.45	13.47	89.04-169.86
	FT3	pmol/L	13.09	1.48	8.65-17.53
	FT4	pmol/L	29.64	3.50	19.14-40.14
	β-HCG	IU/L	61.49	6.09	43.22-79.76
	Cor	nmol/L	755.52	65.43	559.23-951.81
	25-OH-VD	nmol/L	183.54	16.17	135.03-232.05
FA	nmol/L	12.33	1.12	8.97-15.69	
VB12	pmol/L	349.70	34.22	247.04-452.36	

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.