

Endocrine Control – Level 1

Assignment of values (**REF** BYZKE0101 **LOT** 28F1101)

Instrument	Analyte	Unit	Endocrine Control Level 1		
			Target	SD	Range
Auto Lumo A2000Plus/A6200	17 α -OHP	ng/mL	1.58	0.15	1.13-2.03
	25-OH-VD (IVDD)	ng/mL	23.61	2.52	16.05-31.17
	25-OH-VD (IVDR)	ng/mL	19.67	2.28	12.83-26.51
	ACTH	pg/mL	40.67	4.85	26.12-55.22
	ALD	pg/mL	129.45	12.43	92.16-166.74
	Cortisol	μ g/dL	4.71	0.54	3.09-6.33
	C-P	ng/mL	3.36	0.39	2.19-4.53
	DHEA-S	μ g/dL	69.20	7.92	45.44-92.96
	E2 (IVDD)	pg/mL	137.93	14.11	95.60-180.26
	E2 (IVDR)	pg/mL	181.19	17.99	127.22-235.16
	FA	ng/mL	3.77	0.36	2.69-4.85
	FSH	mIU/mL	4.74	0.43	3.45-6.03
	FT3	pmol/L	4.72	0.44	3.40-6.04
	FT4	pmol/L	16.04	1.96	10.16-21.92
	HGH	ng/mL	1.82	0.23	1.13-2.51
	IGF-1	ng/mL	96.46	11.14	63.04-129.88
	INS	μ IU/mL	16.27	1.46	11.89-20.65
	LH	mIU/mL	1.70	0.16	1.22-2.18
	P	ng/mL	2.48	0.20	1.88-3.08
	PRL	μ IU/mL	107.92	12.37	70.81-145.03
	T	ng/mL	1.63	0.18	1.09-2.17
	T3	ng/mL	1.12	0.13	0.73-1.51
	T4 (IVDD)	μ g/dL	5.54	0.61	3.71-7.37
	T4 (IVDR)	μ g/dL	5.36	0.40	4.16-6.56
	Tg	ng/mL	21.57	2.32	14.61-28.53
	TSH	μ IU/mL	1.34	0.14	0.92-1.76
	β -HCG	mIU/mL	13.78	1.70	8.68-18.88
Auto Lumo A2000Plus	VB12	pg/mL	448.96	49.31	301.03-596.89
Auto Lumo A6200	VB12	pg/mL	498.62	50.62	346.76-650.48

Instrument	Analyte	Unit	Endocrine Control Level 1		
			Target	SD	Range
Roche Cobas e601	25-OH-VD	ng/mL	13.12	1.63	8.23-18.01
	ACTH	pg/mL	55.64	6.24	36.92-74.36
	Cortisol	nmol/L	111.38	13.76	70.10-152.66
	C-P	ng/mL	3.00	0.32	2.04-3.96
	DHEA-S	μg/dL	53.28	5.86	35.70-70.86
	E2	pg/mL	122.50	14.30	79.60-165.40
	FA	ng/mL	2.50	0.23	1.81-3.19
	FSH	mIU/mL	4.75	0.50	3.25-6.25
	FT3	pmol/L	6.09	0.58	4.35-7.83
	FT4	pmol/L	16.95	2.00	10.95-22.95
	HCG	mIU/mL	12.12	1.33	8.13-16.11
	HGH	pg/mL	1477	151	1024-1930
	INS	μU/mL	15.49	1.50	10.99-19.99
	LH	mIU/mL	1.85	0.23	1.16-2.54
	PRL	μIU/mL	97.75	8.93	70.96-124.54
	P	ng/mL	2.13	0.19	1.56-2.70
	T	ng/mL	1.78	0.18	1.24-2.32
	T3	nmol/L	2.25	0.25	1.50-3.00
	T4	nmol/L	70.25	6.56	50.57-89.93
	Tg	ng/mL	73.24	6.23	54.55-91.93
	TSH	μIU/mL	1.22	0.13	0.83-1.61
	VB12	pg/mL	353.75	35.48	247.31-460.19
	β-HCG	mIU/mL	12.85	1.17	9.34-16.36
Abbott ARCHITECT i2000SR	C-P	ng/mL	2.74	0.30	1.84-3.64
	E2	pg/mL	121.35	12.23	84.66-158.04
	FSH	mIU/mL	4.42	0.47	3.01-5.83
	FT3	pg/mL	3.43	0.38	2.29-4.57
	FT4	ng/dL	0.96	0.09	0.69-1.23
	INS	μU/mL	12.51	1.16	9.03-15.99
	LH	mIU/mL	1.11	0.10	0.81-1.41
	P	ng/mL	2.09	0.19	1.52-2.66
	PRL	ng/mL	3.93	0.34	2.91-4.95
	T	nmol/L	7.08	0.71	4.95-9.21
	T3	ng/mL	0.99	0.11	0.66-1.32
	T4	μg/dL	4.68	0.51	3.15-6.21
	TSH	μIU/mL	1.08	0.10	0.78-1.38

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.