

Endocrine Control – Level 3

Assignment of values (**REF** BYZKE0301 **LOT** 28F1102)

Instrument	Analyte	Unit	Endocrine Control Level 3		
			Target	SD	Range
Auto Lumo A2000Plus/A6200	17 α -OHP	ng/mL	11.56	1.07	8.35-14.77
	25-OH-VD (IVDD)	ng/mL	42.23	4.59	28.46-56.00
	25-OH-VD (IVDR)	ng/mL	84.04	7.96	60.16-107.92
	ACTH	pg/mL	151.49	15.65	104.54-198.44
	ALD	pg/mL	455.88	45.49	319.41-592.35
	Cortisol	μ g/dL	37.39	3.89	25.72-49.06
	C-P	ng/mL	10.41	1.17	6.90-13.92
	DHEA-S	μ g/dL	571.08	49.82	421.62-720.54
	E2 (IVDD)	pg/mL	779.08	80.31	538.15-1020.01
	E2 (IVDR)	pg/mL	945.15	87.18	683.61-1206.69
	FA	ng/mL	10.50	0.97	7.59-13.41
	FSH	mIU/mL	28.84	2.72	20.68-37.00
	FT3	pmol/L	19.73	2.00	13.73-25.73
	FT4	pmol/L	39.88	4.22	27.22-52.54
	HGH	ng/mL	18.03	1.44	13.71-22.35
	IGF-1	ng/mL	292.86	30.65	200.91-384.81
	INS	μ IU/mL	102.88	11.94	67.06-138.70
	LH	mIU/mL	39.67	4.83	25.18-54.16
	P	ng/mL	23.14	2.32	16.18-30.10
	PRL	μ IU/mL	612.26	71.48	397.82-826.70
	T	ng/mL	9.98	1.13	6.59-13.37
	T3	ng/mL	3.40	0.36	2.32-4.48
	T4 (IVDD)	μ g/dL	14.38	1.53	9.79-18.97
	T4 (IVDR)	μ g/dL	13.03	1.06	9.85-16.21
	Tg	ng/mL	124.59	13.91	82.86-166.32
	TSH	μ IU/mL	24.67	2.93	15.88-33.46
	β -HCG	mIU/mL	394.17	44.36	261.09-527.25
Auto Lumo A2000Plus	VB12	pg/mL	876.89	87.37	614.78-1139.00
Auto Lumo A6200	VB12	pg/mL	978.88	97.53	686.29-1271.47

Instrument	Analyte	Unit	Endocrine Control Level 3		
			Target	SD	Range
Roche Cobas e601	25-OH-VD	ng/mL	64.31	6.06	46.13-82.49
	ACTH	pg/mL	168.24	15.97	120.33-216.15
	Cortisol	nmol/L	698.05	79.56	459.37-936.73
	C-P	ng/mL	9.80	1.18	6.26-13.34
	DHEA-S	μg/dL	443.74	52.04	287.62-599.86
	E2	pg/mL	724.50	82.94	475.68-973.32
	FA	ng/mL	7.58	0.88	4.94-10.22
	FSH	mIU/mL	30.88	2.87	22.27-39.49
	FT3	pmol/L	27.51	3.04	18.39-36.63
	FT4	pmol/L	52.75	5.63	35.86-69.64
	HCG	mIU/mL	402.16	38.85	285.61-518.71
	HGH	pg/mL	14923	1473	10504-19342
	INS	μU/mL	100.47	11.09	67.20-133.74
	LH	mIU/mL	30.23	3.27	20.42-40.04
	PRL	μIU/mL	627.35	62.94	438.53-816.17
	P	ng/mL	19.60	2.38	12.46-26.74
	T	ng/mL	9.22	0.76	6.94-11.50
	T3	nmol/L	6.50	0.62	4.64-8.36
	T4	nmol/L	178.94	20.90	116.24-241.64
	Tg	ng/mL	314.02	29.43	225.73-402.31
	TSH	μIU/mL	22.00	2.03	15.91-28.09
	VB12	pg/mL	633.51	62.52	445.95-821.07
	β-HCG	mIU/mL	408.12	37.95	294.27-521.97
Abbott ARCHITECT i2000SR	C-P	ng/mL	9.96	1.08	6.72-13.20
	E2	pg/mL	614.85	65.64	417.93-811.77
	FSH	mIU/mL	29.11	2.63	21.22-37.00
	FT3	pg/mL	16.71	1.36	12.63-20.79
	FT4	ng/dL	2.54	0.25	1.79-3.29
	INS	μU/mL	73.10	7.95	49.25-96.95
	LH	mIU/mL	27.68	2.82	19.22-36.14
	P	ng/mL	19.11	1.98	13.17-25.05
	PRL	ng/mL	25.71	2.41	18.48-32.94
	T	nmol/L	27.66	2.89	18.99-36.33
	T3	ng/mL	3.84	0.45	2.49-5.19
	T4	μg/dL	12.56	1.48	8.12-17.00
	TSH	μIU/mL	22.95	2.58	15.21-30.69

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.