

Endocrine Control – Level 2

Assignment of values (**REF** BYZKE0201 **LOT** 28F1102)

Instrument	Analyte	Unit	Endocrine Control Level 2		
			Target	SD	Range
Auto Lumo A2000Plus/A6200	17 α -OHP	ng/mL	5.78	0.63	3.89-7.67
	25-OH-VD (IVDD)	ng/mL	32.78	3.26	23.00-42.56
	25-OH-VD (IVDR)	ng/mL	51.05	4.82	36.59-65.51
	ACTH	pg/mL	80.88	9.33	52.89-108.87
	ALD	pg/mL	304.12	28.58	218.38-389.86
	Cortisol	μ g/dL	22.39	2.52	14.83-29.95
	C-P	ng/mL	6.74	0.75	4.49-8.99
	DHEA-S	μ g/dL	285.88	32.45	188.53-383.23
	E2 (IVDD)	pg/mL	285.58	22.00	219.58-351.58
	E2 (IVDR)	pg/mL	350.20	36.99	239.23-461.17
	FA	ng/mL	7.18	0.68	5.14-9.22
	FSH	mIU/mL	14.70	1.56	10.02-19.38
	FT3	pmol/L	10.39	0.85	7.84-12.94
	FT4	pmol/L	26.06	3.05	16.91-35.21
	HGH	ng/mL	9.25	0.85	6.70-11.80
	IGF-1	ng/mL	184.12	21.72	118.96-249.28
	INS	μ IU/mL	55.87	6.41	36.64-75.10
	LH	mIU/mL	16.93	1.54	12.31-21.55
	P	ng/mL	9.25	0.95	6.40-12.10
	PRL	μ IU/mL	309.13	26.65	229.18-389.08
	T	ng/mL	6.81	0.80	4.41-9.21
	T3	ng/mL	2.02	0.18	1.48-2.56
	T4 (IVDD)	μ g/dL	9.87	1.06	6.69-13.05
	T4 (IVDR)	μ g/dL	9.40	0.82	6.94-11.86
	Tg	ng/mL	60.51	6.98	39.57-81.45
	TSH	μ IU/mL	5.78	0.64	3.86-7.70
	β -HCG	mIU/mL	51.48	6.56	31.80-71.16
Auto Lumo A2000Plus	VB12	pg/mL	654.46	54.74	490.24-818.68
Auto Lumo A6200	VB12	pg/mL	732.89	75.96	505.01-960.77

Instrument	Analyte	Unit	Endocrine Control Level 2		
			Target	SD	Range
Roche Cobas e601	25-OH-VD	ng/mL	35.53	3.72	24.37-46.69
	ACTH	pg/mL	99.37	9.38	71.23-127.51
	Cortisol	nmol/L	501.51	60.90	318.81-684.21
	C-P	ng/mL	6.16	0.64	4.24-8.08
	DHEA-S	μg/dL	266.09	30.80	173.69-358.49
	E2	pg/mL	256.66	30.75	164.41-348.91
	FA	ng/mL	4.21	0.42	2.95-5.47
	FSH	mIU/mL	15.51	1.81	10.08-20.94
	FT3	pmol/L	12.24	1.25	8.49-15.99
	FT4	pmol/L	31.24	3.17	21.73-40.75
	HCG	mIU/mL	45.37	3.96	33.49-57.25
	HGH	pg/mL	7514.00	698.00	5420-9608
	INS	μU/mL	54.82	5.34	38.80-70.84
	LH	mIU/mL	13.48	1.52	8.92-18.04
	PRL	μIU/mL	323.52	37.53	210.93-436.11
	P	ng/mL	7.40	0.82	4.94-9.86
	T	ng/mL	6.63	0.65	4.68-8.58
	T3	nmol/L	3.88	0.39	2.71-5.05
	T4	nmol/L	125.69	13.31	85.76-165.62
	Tg	ng/mL	160.84	16.40	111.64-210.04
	TSH	μIU/mL	5.34	0.58	3.60-7.08
	VB12	pg/mL	497.13	47.83	353.64-640.62
	β-HCG	mIU/mL	45.95	4.42	32.69-59.21
Abbott ARCHITECT i2000SR	C-P	ng/mL	6.03	0.55	4.38-7.68
	E2	pg/mL	241.75	22.03	175.66-307.84
	FSH	mIU/mL	14.22	1.66	9.24-19.20
	FT3	pg/mL	6.77	0.73	4.58-8.96
	FT4	ng/dL	1.68	0.19	1.11-2.25
	INS	μU/mL	38.45	3.59	27.68-49.22
	LH	mIU/mL	11.22	1.21	7.59-14.85
	P	ng/mL	7.31	0.70	5.21-9.41
	PRL	ng/mL	13.18	1.51	8.65-17.71
	T	nmol/L	19.86	2.25	13.11-26.61
	T3	ng/mL	1.99	0.21	1.36-2.62
	T4	μg/dL	8.44	0.90	5.74-11.14
	TSH	μIU/mL	5.20	0.56	3.52-6.88

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.