

## Endocrine Control – Level 3

Assignment of values (REF:BYZKE0301 LOT:09D1002)

Instrument	Analyte	Unit	Endocrine Control Level3		
			Target	SD	Range
Auto Lumo A2000 plus/A6000/A1800	17 $\alpha$ -OHP	ng/mL	10.98	1.10	7.68-14.28
	25-OH-VD (IVDD)	ng/mL	42.94	3.91	31.21-54.67
	25-OH-VD (IVDR)	ng/mL	68.82	6.79	48.45-89.19
	ACTH	pg/mL	121.54	11.48	87.10-155.98
	ALD	pg/mL	434.91	39.83	315.42-554.40
	Cor	$\mu$ g/dL	36.16	3.43	25.87-46.45
	C-P	ng/mL	11.68	1.32	7.72-15.64
	DHEA-S	$\mu$ g/dL	604.13	55.08	438.89-769.37
	E2 (IVDD)	pg/mL	799.13	80.00	559.13-1039.13
	E2 (IVDR)	pg/mL	951.98	99.69	652.91-1251.05
	FSH	mIU/mL	29.60	3.31	19.67-39.53
	FT3	pmol/L	18.15	2.11	11.82-24.48
	FT4	pmol/L	37.81	3.38	27.67-47.95
	HGH	ng/mL	18.04	1.92	12.28-23.80
	IGF-1	ng/mL	277.32	30.95	184.47-370.17
	INS	$\mu$ IU/mL	104.77	8.94	77.95-131.59
	LH	mIU/mL	43.39	4.35	30.34-56.44
	P	ng/mL	21.52	1.86	15.94-27.10
	PRL	$\mu$ IU/mL	644.09	69.76	434.81-853.37
	T3	ng/mL	3.49	0.30	2.59-4.39
	T4 (IVDD)	$\mu$ g/dL	13.64	1.32	9.68-17.60
	T4 (IVDR)	$\mu$ g/dL	11.78	1.33	7.79-15.77
	T	ng/mL	9.22	0.84	6.70-11.74
TG	ng/mL	147.96	14.18	105.42-190.50	
TSH	$\mu$ IU/mL	23.50	2.43	16.21-30.79	
$\beta$ -HCG	mIU/mL	381.46	39.53	262.87-500.05	
Auto Lumo A2000 plus	FA	ng/mL	11.38	1.19	7.81-14.95
	VB12	pg/mL	737.52	76.75	507.27-967.77
Auto Lumo A6000	FA	ng/mL	10.24	1.20	6.64-13.84
	VB12	pg/mL	624.10	64.74	429.88-818.32
Auto Lumo A1800	FA	ng/mL	11.61	1.22	7.95-15.27
	VB12	pg/mL	619.77	56.11	451.44-788.10

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Roche Cobas e601	FSH	mIU/mL	29.58	2.83	21.09-38.07
	PRL	μIU/mL	550.18	46.23	411.49-688.87
	LH	mIU/mL	33.59	3.92	21.83-45.35
	P	ng/mL	17.75	1.82	12.29-23.21
	T	ng/mL	8.15	0.88	5.51-10.79
	E2	pg/mL	751.50	80.67	509.49-993.51
	C-P	ng/mL	9.75	1.04	6.63-12.87
	INS	μU/mL	96.21	11.02	63.15-129.27
	TSH	μIU/mL	19.59	2.05	13.44-25.74
	T3	nmol/L	6.87	0.57	5.16-8.58
	T4	nmol/L	199.53	18.81	143.10-255.96
	FT3	pmol/L	27.58	2.45	20.23-34.93
	FT4	pmol/L	44.77	4.29	31.90-57.64
	Tg	ng/mL	259.12	23.20	189.52-328.72
	DHEA-S	μg/dL	534.67	50.29	383.80-685.54
	β-HCG	mIU/mL	330.48	37.25	218.73-442.23
	Cor	nmol/L	773.59	79.50	535.09-1012.09
	HGH	pg/mL	12993	1350.51	8941-17045
	FA	ng/mL	8.19	0.83	5.70-10.68
	VB12	pg/mL	711.67	67.59	508.90-914.44
25-OH-VD	ng/mL	65.82	6.91	45.09-86.55	
Abbott ARCHITECT i2000SR	FSH	mIU/mL	31.25	2.69	23.18-39.32
	PRL	ng/mL	23.85	2.83	15.36-32.34
	LH	mIU/mL	29.26	3.15	19.81-38.71
	P	ng/mL	18.43	1.93	12.64-24.22
	T	nmol/L	24.65	2.38	17.51-31.79
	E2	pg/mL	618.10	67.02	417.04-819.16
	C-P	ng/mL	9.85	0.94	7.03-12.67
	INS	μU/mL	81.23	8.70	55.13-107.33
	TSH	μIU/mL	19.63	1.98	13.69-25.57
	T3	ng/mL	3.51	0.30	2.61-4.41
	T4	μg/dL	13.26	1.46	8.88-17.64
	FT3	pg/mL	13.49	1.26	9.71-17.27
	FT4	ng/dL	2.27	0.18	1.73-2.81
	β-HCG	mIU/mL	435.17	35.43	328.88-541.46
	FA	ng/mL	6.80	0.69	4.73-8.87
	VB12	pg/mL	616.00	73.37	395.89-836.11

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Beckman DXI800	FSH	mIU/mL	32.77	3.60	21.97-43.57
	PRL	ng/mL	25.94	2.76	17.66-34.22
	LH	IU/L	43.22	5.15	27.77-58.67
	P	nmol/L	45.84	4.03	33.75-57.93
	T	nmol/L	25.87	2.52	18.31-33.43
	E2	pmol/L	3082	257.24	2310-3854
	C-P	ng/mL	8.91	0.81	6.48-11.34
	INS	mIU/L	94.28	9.19	66.71-121.85
	TSH	μIU/mL	15.73	1.63	10.84-20.62
	T3	nmol/L	6.74	0.58	5.00-8.48
	T4	nmol/L	235.48	24.36	162.40-308.56
	FT3	pmol/L	16.75	1.69	11.68-21.82
	FT4	pmol/L	44.43	3.66	33.45-55.41
	β-HCG	IU/L	322.48	31.61	227.65-417.31
	FA	ng/mL	7.47	0.71	5.34-9.60
	VB12	pg/mL	573.00	52.48	415.56-730.44
Siemens Advia Centaur XP	FSH	IU/L	34.20	3.06	25.02-43.38
	PRL	mIU/L	367.95	39.20	250.35-485.55
	LH	IU/L	30.92	3.59	20.15-41.69
	P	nmol/L	41.02	4.52	27.46-54.58
	T	nmol/L	26.59	2.99	17.62-35.56
	E2	pmol/L	3317.00	389.54	2148.38-4485.62
	C-P	nmol/L	2.77	0.27	1.96-3.58
	INS	pmol/L	647.73	57.26	475.95-819.51
	TSH	mIU/L	24.35	2.63	16.46-32.24
	T3	nmol/L	6.42	0.74	4.20-8.64
	T4	nmol/L	189.49	20.82	127.03-251.95
	FT3	pmol/L	25.74	2.67	17.73-33.75
	FT4	pmol/L	48.86	5.65	31.91-65.81
	β-HCG	IU/L	440.29	50.80	287.89-592.69
	Cor	nmol/L	1079	86.59	819-1339
	25-OH-VD	nmol/L	271.28	31.04	178.16-364.4
FA	nmol/L	25.24	2.36	18.16-32.32	
VB12	pmol/L	559.00	54.86	394.42-723.58	

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.