

## Thyroid Control – Level 2

Assignment of values ( **REF** CFB0102 **LOT** 26J1001)

Instrument	Analyte	Unit	Thyroid Control-Level2		
			Target	SD	Range
Auto Lumo A2000Plus	TgAb	IU/mL	156.80	14.58	113.05-200.55
	TPOAb	IU/mL	128.49	11.82	93.03-163.95
	TRAb	IU/L	9.59	0.95	6.74-12.44
	rT3	nmol/L	2.19	0.21	1.57-2.81
	T3	ng/mL	1.81	0.18	1.27-2.35
	T4 (IVDD)	µg/dL	9.25	0.97	6.34-12.16
	T4 (IVDR)	µg/dL	8.32	0.81	5.90-10.74
	FT3	pmol/L	8.96	0.83	6.46-11.46
	FT4	pmol/L	26.03	2.73	17.83-34.23
	TSH	µIU/mL	6.14	0.63	4.26-8.02
	PTH	pg/mL	201.61	18.75	145.36-257.86
Roche Cobas e 601	TgAb	IU/mL	276.48	27.37	194.37-358.59
	TPOAb	IU/mL	101.15	10.12	70.81-131.50
	TRAb	IU/L	8.47	0.79	6.11-10.83
	T3	nmol/L	3.48	0.33	2.50-4.46
	T4	nmol/L	135.05	13.37	94.94-175.16
	FT3	pmol/L	10.02	0.99	7.04-13.00
	FT4	pmol/L	28.27	3.05	19.11-37.43
	TSH	µIU/mL	5.67	0.59	3.90-7.44
Abbott ARCHITECT i2000sr	TgAb	IU/mL	102.86	10.59	71.08-134.64
	TPOAb	IU/mL	72.83	6.92	52.07-93.59
	T3	nmol/L	2.44	0.24	1.71-3.17
	T4	µg/dL	8.08	0.79	5.70-10.46
	FT3	pg/mL	5.71	0.59	3.93-7.49
	FT4	ng/dL	1.43	0.14	1.00-1.86
	TSH	µIU/mL	4.85	0.49	3.38-6.32
iFlash 3000-C	TgAb	IU/mL	310.90	30.47	219.5-402.3
	TPOAb	IU/mL	37.44	3.78	26.1-48.78
	TRAb	IU/L	6.69	0.62	4.84-8.54
	T3	ng/mL	2.08	0.21	1.45-2.71
	T4	ng/mL	83.08	8.06	58.90-107.26
	FT3	pg/mL	4.97	0.50	3.46-6.48
	FT4	pg/mL	17.02	1.80	11.61-22.43
	TSH	µIU/mL	9.12	0.93	6.33-11.91

Instrument	Analyte	Unit	Endocrine Control Level2		
			Target	SD	Range
Roche Cobas e601	FSH	mIU/mL	4.78	0.54	3.16-6.40
	PRL	μIU/mL	89.42	8.83	62.93-115.91
	LH	mIU/mL	1.89	0.19	1.32-2.46
	P	ng/mL	1.59	0.19	1.02-2.16
	T	ng/mL	1.78	0.19	1.21-2.35
	E2	pg/mL	155.36	12.97	116.45-194.27
	C-P	ng/mL	2.58	0.21	1.95-3.21
	INS	μU/mL	14.74	1.31	10.81-18.67
	TSH	μIU/mL	1.25	0.13	0.86-1.64
	T3	nmol/L	2.10	0.18	1.56-2.64
	T4	nmol/L	81.08	8.59	55.31-106.85
	FT3	pmol/L	6.05	0.56	4.37-7.73
	FT4	pmol/L	17.52	1.71	12.39-22.65
	Tg	ng/mL	58.28	6.16	39.80-76.76
	DHEA-S	μg/dL	61.00	5.59	44.23-77.77
	β-HCG	mIU/mL	12.53	1.19	8.96-16.10
	Cor	nmol/L	143.36	11.64	108.44-178.28
	HGH	pg/mL	1418.00	154.87	953.39-1882.61
	FA	ng/mL	2.38	0.28	1.54-3.22
	VB12	pg/mL	327.36	27.57	244.65-410.07
25-OH-VD	ng/mL	11.08	0.95	8.23-13.93	
Abbott ARCHITECT i2000SR	FSH	mIU/mL	4.74	0.38	3.60-5.88
	PRL	ng/mL	4.18	0.43	2.89-5.47
	LH	mIU/mL	1.30	0.15	0.85-1.75
	P	ng/mL	1.90	0.19	1.33-2.47
	T	nmol/L	6.30	0.70	4.20-8.40
	E2	pg/mL	151.44	14.65	107.49-195.39
	C-P	ng/mL	2.38	0.20	1.78-2.98
	INS	μU/mL	13.46	1.31	9.53-17.39
	TSH	μIU/mL	1.08	0.09	0.81-1.35
	T3	ng/mL	0.94	0.08	0.70-1.18
	T4	μg/dL	5.23	0.58	3.49-6.97
	FT3	pg/mL	3.16	0.26	2.38-3.94
	FT4	ng/dL	1.03	0.09	0.76-1.30
	β-HCG	mIU/mL	17.27	1.71	12.14-22.40
	FA	ng/mL	2.60	0.27	1.79-3.41
	VB12	pg/mL	292.50	23.99	220.53-364.47

Instrument	Analyte	Unit	Endocrine Control Level2		
			Target	SD	Range
Beckman DXI800	FSH	mIU/mL	5.34	0.63	3.45-7.23
	PRL	ng/mL	4.27	0.39	3.10-5.44
	LH	IU/L	2.04	0.21	1.41-2.67
	P	nmol/L	4.10	0.37	2.99-5.21
	T	nmol/L	5.61	0.48	4.17-7.05
	E2	pmol/L	643.00	61.41	458.77-827.23
	C-P	ng/mL	2.32	0.24	1.60-3.04
	INS	mIU/L	16.14	1.91	10.41-21.87
	TSH	μIU/mL	0.95	0.10	0.65-1.25
	T3	nmol/L	1.90	0.20	1.30-2.50
	T4	nmol/L	87.63	8.24	62.91-112.35
	FT3	pmol/L	4.13	0.34	3.11-5.15
	FT4	pmol/L	13.27	1.36	9.19-17.35
	β-HCG	IU/L	12.62	1.09	9.35-15.89
	FA	ng/mL	2.21	0.25	1.46-2.96
	VB12	pg/mL	225.80	20.57	164.09-287.51
Siemens Advia Centaur XP	FSH	IU/L	4.78	0.48	3.34-6.22
	PRL	mIU/L	69.85	7.72	46.69-93.01
	LH	IU/L	1.30	0.13	0.91-1.69
	P	nmol/L	5.91	0.56	4.23-7.59
	T	nmol/L	8.17	0.97	5.26-11.08
	E2	pmol/L	715.27	59.41	537.04-893.5
	C-P	nmol/L	0.77	0.09	0.50-1.04
	INS	pmol/L	106.10	10.39	74.93-137.27
	TSH	mIU/L	1.27	0.11	0.94-1.60
	T3	nmol/L	1.89	0.22	1.23-2.55
	T4	nmol/L	72.74	6.17	54.23-91.25
	FT3	pmol/L	6.93	0.68	4.89-8.97
	FT4	pmol/L	16.97	1.45	12.62-21.32
	β-HCG	IU/L	16.04	1.92	10.28-21.80
	Cor	nmol/L	156.54	17.06	105.36-207.72
	25-OH-VD	nmol/L	62.32	5.56	45.64-79.00
FA	nmol/L	8.94	1.02	5.88-12.0	
VB12	pmol/L	245.17	26.24	166.45-323.89	

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.