

Thyroid Control – Level 3

Assignment of values (**REF** CFB0103 **LOT** 26J1001)

Instrument	Analyte	Unit	Thyroid Control-Level3		
			Target	SD	range
Auto Lumo A2000Plus	TgAb	IU/mL	348.80	34.88	244.16-453.44
	TPOAb	IU/mL	280.23	28.86	193.64-366.82
	TRAb	IU/L	18.05	1.66	13.07-23.03
	rT3	nmol/L	3.74	0.39	2.57-4.91
	T3	ng/mL	3.32	0.33	2.33-4.31
	T4 (IVDD)	µg/dL	13.44	1.26	9.65-17.23
	T4 (IVDR)	µg/dL	11.58	1.24	7.86-15.30
	FT3	pmol/L	17.83	1.73	12.64-23.02
	FT4	pmol/L	39.94	3.87	28.32-51.56
	TSH	µIU/mL	26.53	2.47	19.13-33.93
PTH	pg/mL	643.80	65.02	448.73-838.87	
Roche Cobas e 601	TgAb	IU/mL	884.84	94.68	600.81-1168.87
	TPOAb	IU/mL	189.25	17.79	135.88-242.62
	TRAb	IU/L	17.25	1.67	12.23-22.27
	T3	nmol/L	6.23	0.60	4.42-8.04
	T4	nmol/L	195.50	20.14	135.09-255.91
	FT3	pmol/L	23.18	2.34	16.16-30.20
	FT4	pmol/L	42.37	4.11	30.04-54.70
	TSH	µIU/mL	23.44	2.32	16.48-30.40
Abbott ARCHITECT i2000sr	TgAb	IU/mL	194.81	19.29	136.95-252.67
	TPOAb	IU/mL	186.39	18.08	132.15-240.63
	T3	nmol/L	5.20	0.48	3.76-6.64
	T4	µg/dL	11.78	1.11	8.46-15.10
	FT3	pg/mL	12.24	1.18	8.71-15.77
	FT4	ng/dL	1.95	0.21	1.32-2.58
	TSH	µIU/mL	21.75	2.04	15.62-27.88
iFlash 3000-C	TgAb	IU/mL	742.86	78.00	508.86-976.86
	TPOAb	IU/mL	91.14	9.21	63.52-118.76
	TRAb	IU/L	13.21	1.35	9.17-17.25
	T3	ng/mL	3.48	0.34	2.47-4.49
	T4	ng/mL	125.10	13.51	84.57-165.63
	FT3	pg/mL	10.82	1.03	7.74-13.90
	FT4	pg/mL	24.98	2.47	17.56-32.40
	TSH	µIU/mL	40.34	4.20	27.75-52.93

Instrument	Analyte	Unit	Thyroid Control-Level3		
			Target	SD	range
CL-2000i	TgAb	IU/mL	106.31	10.74	74.1-138.52
	TPOAb	IU/mL	62.44	6.18	43.9-80.98
	TRAb	IU/L	17.73	1.77	12.41-23.05
	T3	nmol/L	4.22	0.42	2.95-5.49
	T4	nmol/L	160.10	15.69	113.03-207.17
	FT3	pmol/L	17.47	1.62	12.60-22.34
	FT4	pmol/L	52.02	5.46	35.63-68.41
	TSH	µIU/mL	25.04	2.68	17.00-33.08
Beckman DXI800	PTH	pg/mL	698.95	71.29	485.07-912.83
	TgAb	IU/mL	206.80	20.89	144.14-269.46
	TPOAb	IU/mL	94.10	9.22	66.43-121.77
	T3	nmol/L	7.19	0.70	5.10-9.28
	T4	nmol/L	305.84	30.89	213.17-398.51
	FT3	pmol/L	14.84	1.60	10.03-19.65
	FT4	pmol/L	44.57	4.77	30.26-58.88
	TSH	µIU/mL	16.14	1.63	11.25-21.03
Atellica IM 1600	PTH	pg/mL	1028.60	110.06	698.42-1358.78
	TgAb	IU/mL	294.80	29.19	207.24-382.36
	TPOAb	IU/mL	61.33	5.83	43.85-78.81
	T3	nmol/L	5.93	0.56	4.24-7.62
	T4	nmol/L	196.10	20.59	134.33-257.87
	FT3	pmol/L	23.97	2.52	16.42-31.52
	FT4	pmol/L	47.49	4.46	34.10-60.88
Maglumi X8	TSH	µIU/mL	24.60	2.34	17.59-31.61
	T3	ng/mL	3.34	0.33	2.35-4.33
	T4	µg/dL	14.20	1.35	10.15-18.25
	FT3	pg/mL	12.20	1.26	8.43-15.97
	FT4	ng/dL	3.40	0.35	2.35-4.45
	TSH	µIU/mL	30.40	3.22	20.73-40.07
	TGAb	IU/mL	882.00	94.37	598.88-1165.12
	TPOAb	IU/mL	213.00	22.37	145.91-280.10
Maglumi X8	PTH	pg/mL	1185.54	117.37	833.43-1537.65

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.