

Thyroid Control – Level 1

Assignment of values (**REF** CFB0101 **LOT** 26J1001)

Instrument	Analyte	Unit	Thyroid Control-Level1		
			Target	SD	range
Auto Lumo A2000Plus	TgAb	IU/mL	74.44	7.82	50.99-97.89
	TPOAb	IU/mL	43.47	4.52	29.91-57.03
	TRAb	IU/L	4.77	0.46	3.40-6.14
	rT3	nmol/L	1.12	0.12	0.76-1.48
	T3	ng/mL	0.95	0.09	0.67-1.23
	T4 (IVDD)	µg/dL	6.02	0.61	4.18-7.86
	T4 (IVDR)	µg/dL	5.50	0.51	3.97-7.03
	FT3	pmol/L	4.84	0.49	3.37-6.31
	FT4	pmol/L	17.11	1.76	11.82-22.40
	TSH	µIU/mL	1.49	0.15	1.05-1.93
	PTH	pg/mL	82.37	7.99	58.40-106.34
Roche Cobas e 601	TgAb	IU/mL	84.44	9.04	57.33-111.55
	TPOAb	IU/mL	31.58	3.32	21.63-41.53
	TRAb	IU/L	3.88	0.42	2.62-5.14
	T3	nmol/L	1.94	0.18	1.39-2.49
	T4	nmol/L	89.42	9.03	62.33-116.51
	FT3	pmol/L	4.65	0.47	3.24-6.06
	FT4	pmol/L	15.69	1.65	10.75-20.63
	TSH	µIU/mL	1.56	0.16	1.08-2.04
Abbott ARCHITECT i2000sr	TgAb	IU/mL	48.98	4.80	34.58-63.38
	TPOAb	IU/mL	26.83	2.82	18.38-35.28
	T3	nmol/L	1.11	0.11	0.78-1.44
	T4	µg/dL	5.30	0.50	3.79-6.81
	FT3	pg/mL	3.09	0.32	2.14-4.04
	FT4	ng/dL	1.05	0.10	0.75-1.35
	TSH	µIU/mL	1.00	0.10	0.72-1.29
iFlash 3000-C	TgAb	IU/mL	138.64	14.83	94.14-183.14
	TPOAb	IU/mL	18.70	1.83	13.20-24.20
	TRAb	IU/L	2.20	0.20	1.59-2.81
	T3	ng/mL	0.89	0.09	0.62-1.16
	T4	ng/mL	56.10	5.44	39.77-72.43
	FT3	pg/mL	1.97	0.21	1.34-2.60
	FT4	pg/mL	11.88	1.10	8.57-15.19
	TSH	µIU/mL	1.80	0.17	1.29-2.31

Instrument	Analyte	Unit	Thyroid Control-Level1		
			Target	SD	range
CL-2000i	TgAb	IU/mL	16.02	1.71	10.88-21.16
	TPOAb	IU/mL	13.37	1.40	9.16-17.58
	TRAb	IU/L	3.99	0.40	2.79-5.19
	T3	nmol/L	1.08	0.11	0.74-1.42
	T4	nmol/L	68.63	6.73	48.45-88.81
	FT3	pmol/L	3.97	0.38	2.83-5.11
	FT4	pmol/L	18.97	1.97	13.05-24.89
	TSH	µIU/mL	1.27	0.13	0.89-1.65
Beckman DXI800	PTH	pg/mL	78.43	7.84	54.90-101.96
	TgAb	IU/mL	25.50	2.70	17.39-33.61
	TPOAb	IU/mL	13.20	1.25	9.44-16.96
	T3	nmol/L	2.10	0.20	1.51-2.69
	T4	nmol/L	114.74	11.36	80.66-148.82
	FT3	pmol/L	3.64	0.35	2.60-4.68
	FT4	pmol/L	14.54	1.45	10.18-18.90
	TSH	µIU/mL	1.18	0.12	0.82-1.54
Atellica IM 1600	PTH	pg/mL	111.00	11.21	77.37-144.63
	TgAb	IU/mL	41.90	4.36	28.83-54.97
	TPOAb	IU/mL	65.63	7.02	44.56-86.70
	T3	nmol/L	1.64	0.17	1.13-2.15
	T4	nmol/L	72.80	7.79	49.43-96.17
	FT3	pmol/L	5.01	0.54	3.40-6.62
	FT4	pmol/L	16.88	1.60	12.07-21.69
Maglumi X8	TSH	µIU/mL	1.18	0.12	0.83-1.53
	T3	ng/mL	0.95	0.10	0.65-1.24
	T4	µg/dL	7.72	0.73	5.52-9.92
	FT3	pg/mL	2.69	0.27	1.88-3.50
	FT4	ng/dL	1.51	0.14	1.09-1.93
	TSH	µIU/mL	1.21	0.13	0.82-1.6
	TGAb	IU/mL	191.00	18.53	135.42-246.58
	TPOAb	IU/mL	35.40	3.43	25.10-45.70
Maglumi X8	PTH	pg/mL	133.24	12.26	96.47-170.01

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.