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	Endocrine Control Level3		
			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 Level3		
			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.