

TABLE 2 CLINICAL CHEMISTRY AND IMMUNOLOGY (CONTINUED)

Analyte	Specimen	SI Units	Conventional Units
Serum protein electrophoresis	S	Not applicable	Normal pattern
Sex hormone-binding globulin (adult)	S		
Male		11–80 nmol/L	11–80 nmol/L
Female		30–135 nmol/L	30–135 nmol/L
Sodium	S	136–146 mmol/L	136–146 meq/L
Somatomedin-C (IGF-1) (adult)	S		
16 years		226–903 µg/L	226–903 ng/mL
17 years		193–731 µg/L	193–731 ng/mL
18 years		163–584 µg/L	163–584 ng/mL
19 years		141–483 µg/L	141–483 ng/mL
20 years		127–424 µg/L	127–424 ng/mL
21–25 years		116–358 µg/L	116–358 ng/mL
26–30 years		117–329 µg/L	117–329 ng/mL
31–35 years		115–307 µg/L	115–307 ng/mL
36–40 years		119–204 µg/L	119–204 ng/mL
41–45 years		101–267 µg/L	101–267 ng/mL
46–50 years		94–252 µg/L	94–252 ng/mL
51–55 years		87–238 µg/L	87–238 ng/mL
56–60 years		81–225 µg/L	81–225 ng/mL
61–65 years		75–212 µg/L	75–212 ng/mL
66–70 years		69–200 µg/L	69–200 ng/mL
71–75 years		64–188 µg/L	64–188 ng/mL
76–80 years		59–177 µg/L	59–177 ng/mL
81–85 years		55–166 µg/L	55–166 ng/mL
Somatostatin	P	<25 ng/L	<25 pg/mL
Testosterone, free			
Female, adult	S	10.4–65.9 pmol/L	3–19 pg/mL
Male, adult		312–1041 pmol/L	90–300 pg/mL
Testosterone, total,	S		
Female		0.21–2.98 nmol/L	6–86 ng/dL
Male		9.36–37.10 nmol/L	270–1070 ng/dL
Thyroglobulin	S	13–318 µg/L	1.3–31.8 ng/mL
Thyroid-binding globulin	S	13–30 mg/L	1.3–3.0 mg/dL
Thyroid-stimulating hormone (thyrotropin)	S	0.34–4.25 mIU/L	0.34–4.25 µIU/mL
Thyrotropin receptor antibody	S	≤1.75 IU/L	≤1.75 mIU/mL
Thyroxine, free (fT ₄)	S	9.0–16 pmol/L	0.7–1.24 ng/dL
Thyroxine, total (T ₄)	S	70–151 nmol/L	5.4–11.7 µg/dL
Thyroxine index (free)	S	6.7–10.9	6.7–10.9
Tissue transglutaminase (tTG) Antibody, IgA	S		
Negative		<4.0 Units/mL	<4.0 Units/mL
Weak positive		4.0–10.0 Units/mL	4.0–10.0 Units/mL
Positive		>10.0 Units/mL	>10.0 Units/mL
Tissue transglutaminase (tTG) antibody, IgG	S		
Negative		<6.0 Units/mL	<6.0 Units/mL
Weak positive		6.0–9.0 Units/mL	6.0–9.0 Units/mL
Positive		>9.0 Units/mL	>9.0 Units/mL
Transferrin	S	2.0–4.0 g/L	200–400 mg/dL
Transferrin, carbohydrate deficient, for alcohol use	S	0.017	1.7%
Triglycerides	S	0.34–2.26 mmol/L	30–200 mg/dL
Triiodothyronine, free (fT ₃)	S	3.7–6.5 pmol/L	2.4–4.2 pg/mL
Triiodothyronine, total (T ₃)	S	1.2–2.1 nmol/L	77–135 ng/dL
Troponin I	S, P		
99th percentile of a healthy population		Method-dependent	Method-dependent
Troponin T	S, P		
99th percentile of a healthy population		0–14 ng/L	0–14 ng/L
Urea nitrogen	S	2.5–7.1 mmol/L	7–20 mg/dL

(Continued)