Test Definition: TBPE

Thyroxine-Binding Protein Electrophoresis, Serum

Reporting Title: Thyroxine-Binding Protein Electro
Performing Location: Rochester

Specimen Requirements:

Collection Container/Tube:
Preferred: Red top
Acceptable: Serum gel
Submission Container/Tube: Plastic vial
Specimen Volume: 0.3 mL
Additional Information: This assay measures thyroxine binding. For proteins of T4 assays of thyroxine-binding globulin, see TGBI/9263 Thyroxine-Binding Globulin (TBG), Serum and for immunologic assay of prealbumin, see PALB/9005 Prealbumin (PAB), Serum.

Specimen Type	Temperature	Time
Serum	Frozen (preferred)	14 days
	Refrigerated	7 days
	Ambient	48 hours

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
8838	Thyroxine-Binding Protein Electro	Numeric	mcg T4/dL	50681-6
2860	TBG	Numeric	mcg T4/dL	14016-0
2861	Albumin	Numeric	mcg T4/dL	11062-7
2862	Pre-Albumin	Numeric	mcg T4/dL	14014-5
2863	Abnormal Binding Protein	Numeric	mcg T4/dL	In Process
2899	T4 (Thyroxine), Total Only, S	Numeric	mcg/dL	3026-2
3345	Comment	Alphanumeric		48767-8
3101	Comment	Alphanumeric		48767-8
3102	Comment	Alphanumeric		In Process
3103	Comment	Alphanumeric		48767-8
3104	Comment	Alphanumeric		48767-8

CPT Code: 1 × 82664

Reference Values:

THYROXINE-BINDING PROTEIN ELECTROPHORESIS
10.3-24.9 mcg T4/dL bound to TBG
11.5-34.1 mcg T4/dL bound to albumin
48.8-70.4 mcg T4/dL bound to prealbumin
Other protein binders: normally not present
Thyroxine-binding globulin values may be elevated in females taking estrogens and by pregnancy.

THYROXINE, TOTAL
> or =12 months: 5.0-12.5 mcg/dL
Reference values have not been established for patients that are <12 months of age.