

Reporting Title: Macroprolactin, S**Performing Location:** Rochester**Specimen Requirements:**

Patient Preparation: For 12 hours before specimen collection do not take multivitamins or dietary supplements containing biotin (vitamin B7), which is commonly found in hair, skin, and nail supplements and multivitamins.

Container/Tube:

Preferred: Serum gel

Acceptable: Red top

Submission Container/Tube: Plastic vial

Specimen Volume: 1 mL

Collection Instructions: Centrifuge and aliquot serum into a plastic vial.

Specimen Minimum Volume:

0.6 mL

Forms:

If not ordering electronically, complete, print, and send an Oncology Test Request (T729) with the specimen.

Specimen Type	Temperature	Time	Special Container
Serum	Refrigerated (preferred)	7 days	
	Frozen	90 days	
	Ambient	24 hours	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
T_PRL	Prolactin, Total, S Also used by tests: TOPRL	Numeric	ng/mL	20568-2
PROU	Prolactin, Unprecipitated, S	Numeric	ng/mL	38926-2
RATIO	Prolactin, Percent PEG-precipitated	Numeric	%	51441-4
CMT42	Interpretive Comment	Alphanumeric		48767-8

LOINC and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

Components:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
TOPRL	Prolactin, Total, S			Yes	Yes (order PRL)
PEGPR	Prolactin, Unprecipitated, S			Yes	No

CPT Code Information:

84146 x 2

Reference Values:

PROLACTIN, TOTAL

Males

<18 years: not established

> or =18 years: 4.0-15.2 ng/mL

Females

<18 years: not established

> or =18 years: 4.8-23.3 ng/mL

PROLACTIN, UNPRECIPITATED

Males

<18 years: not established

> or =18 years: 2.7-13.1 ng/mL

Females

<18 years: not established

> or =18 years: 3.4-18.5 ng/mL

When the percent of the precipitated (complexed) prolactin fraction of the total prolactin is 60% or less, the result is considered negative for macroprolactin.