

Reporting Title: Macroprolactin, S
Performing Location: Mayo Clinic Laboratories - Rochester Main Campus

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.

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	
	Ambient	24 hours	
	Frozen	90 days	

Result Codes:

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

LOINC® and CPT codes are provided by the performing laboratory.

Supplemental Report:
No

Components:

Test Id	Reporting Name	CPT Units	CPT Code	Always Performed	Available Separately
TOPRL	Prolactin,Total,S	1	84146	Yes	Yes, (order PRL)
PEGPR	Prolactin,Unprecipitated,S	1	84146	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.