

**Reporting Title:** Prolactin, Pituitary Macroadenoma  
**Performing Location:** Mayo Clinic Laboratories - Rochester Main Campus

**Ordering Guidance:**  
For initial patient assessment; order PRL / Prolactin, Serum as the screening test.

**Necessary Information:**  
Patient's age and sex are required.

**Specimen Requirements:**  
**Collection Container/Tube:**  
**Preferred:** Serum gel  
**Acceptable:** Red top  
**Submission Container/Tube:** Plastic vial  
**Specimen Volume:** 2 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®
PRLR	Prolactin, S	Numeric	ng/mL	20568-2
CMT89	Comment	Numeric		48767-8

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

**Supplemental Report:**  
No

**CPT Code Information:**  
84146

**Reference Values:**  
Males  
<18 years: not established  
> or =18 years: 4.0-15.2 ng/mL

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Females:  
<18 years: not established  
> or =18 years: 4.8-23.3 ng/mL