

Technical Bulletin

Sending out Prolactin with Reflex to Monomeric Prolactin

TO: Our Valued Clients

FROM: Wesley Kim, MD
Medical Director

DATE: 05/15/25

SUBJECT: Sending out Prolactin with Reflex to Monomeric Prolactin

Diagnostic Laboratory Services, Inc. (DLS) will soon be transitioning to new automated chemistry platforms in the upcoming year to improve operational efficiency. While the new chemistry instrument supports total Prolactin testing, it does not currently support performing Monomeric Prolactin.

Effective 05/26/2025, DLS will discontinue the in-house test, Prolactin with Reflex to Monomeric Prolactin Testing (Order code 314R). All orders for Prolactin with Reflex to Monomeric Prolactin will instead, be sent out to one of our reference labs on the mainland, Labcorp, who offers Prolactin, Reflex to Macroprolactin. Like the current reflex, if Total Prolactin values are above the reference range, testing will automatically be reflexed to Monomeric Prolactin testing and % Macroprolactin will be calculated.

Once the validations and transition to our new systems are complete, DLS will be re-evaluating what options are available for macroprolactin testing and determine if we can resume in-house testing at that time.

Monomeric Prolactin is the bioactive form of Prolactin. Macroprolactin consists of prolactin bound to immunoglobulin G (IgG) and shows low biological activity in-vivo. In cases of hyperprolactinemia with asymptomatic patients, it may be useful to distinguish the levels of Monomeric or Macroprolactin to assess true hyperprolactinemia.

See the attached table which summarizes the testing that will be available.

If you have any questions or concerns, please call DLS Client Services at (808) 589-5101 or Dr. Wesley Kim at (808) 589-5131.

Test Name	Specimen Type	Methodology	Order Code	Test location	Turn-around Time	CPT
Prolactin	<i>Preferred:</i> Serum in Serum Separator Tube	Electrochemiluminescence Immunoassay (ECLIA)	DLS 3140	DLS	Up to 2 days	84146
Prolactin with Reflex to Monomeric Prolactin	<i>Preferred:</i> Serum in Serum Separator Tube	Electrochemiluminescence Immunoassay (ECLIA)	DLS 314R	*DISCONTINUED* Orders converted to DLS WILDHREF 500324 (See below)		
Prolactin, Reflex to Macroprolactin	<i>Preferred:</i> Serum in Serum Separator Tube	Electrochemiluminescence Immunoassay (ECLIA)	DLS WILDH REF 500324	Labcorp	7-14 days	84146(x2)