

Client
Gurugram
Pathkind Diagnostics Pvt. Ltd.
Plot No. 55-56, Udhog Vihar Ph-IV, Gurugram - 122015

Processed By
Pathkind Diagnostics Pvt. Ltd.
Plot No. 55-56, Udhog Vihar Ph-IV, Gurugram - 122015

Name : Mrs. CL102	Billing Date : 07/07/2023 12:17:22
Age : 35 Yrs	Sample Collected on : 10/07/2023 10:01:31
Sex : Female	Sample Received on : 10/07/2023 11:02:13
P. ID No. : P1000100012584	Report Released on : 14/07/2023 18:19:26
Accession No : 10002304640	Barcode No. : 10002304640-01
Referring Doctor : Self	
Referred By :	Ref no. :

Report Status - Final

Test Name	Result	Biological Ref. Interval	Unit
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BIOCHEMISTRY

Prolactin (PRL) <i>Sample: Serum</i> <i>Method: ECLIA</i>	12.0	6.0 - 29.9	ng/mL
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Prolactin (PRL)

1. Prolactin is secreted in a pulsatile manner and is also influenced by a variety of physiologic stimuli, it is recommended to test pooled sample ie 3 specimens at 20-30 minute intervals.
2. Major circulating form of Prolactin is a nonglycosylated monomer, but several forms of Prolactin linked with immunoglobulin occur which can give falsely high Prolactin results.
3. Macroprolactin assay is recommended if prolactin levels are elevated, but signs and symptoms of hyperprolactinemia are absent or pituitary imaging studies are normal

Clinical Use

- * Diagnosis & management of pituitary adenomas
- * Differential diagnosis of male & female hypogonadism

Increased Levels

- * Physiologic: Sleep, stress, postprandially, pain, coitus, pregnancy, nipple stimulation or nursing
- * Systemic disorders: Chest wall or thoracic spinal cord lesions, Primary / Secondary hypothyroidism, Adrenal insufficiency, Chronic renal failure, Cirrhosis
- * Medications:
 - * Psychiatric medications like Phenothiazine, Haloperidol, Risperidone, Domperidone, Fluoxetine, Amitriptylene, MAO inhibitors etc.,
 - * Antihypertensives: Alphamethyldopa, Reserpine, Verapamil
 - * Opiates: Heroin, Methadone, Morphine, Apomorphine
 - * Estrogens
 - * Oral contraceptives
 - * Cimetidine / Ranitidine
- * Prolactin secreting pituitary tumors: Prolactinoma, Acromegaly
- * Miscellaneous: Polycystic ovarian disease, Epileptic seizures, Ectopic secretion of prolactin by non-pituitary tumors, pressure /

10002304640 Mrs. CL102



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transaction of pituitary stalk, macroprolactinemia * Idiopathic			
Decreased levels * Pituitary deficiency: Pituitary necrosis / infarction * Bromocriptine administration * Pseudohypoparathyroidism			

** End of Report**



Dr. Aarti Khanna Nagpal
DNB (Pathology)
Senior Consultant

