



Ms. THERESA WENDY ADU-GYAMFI

Tel No : 1234
PID NO: P36170017674
Age: 23 Year(s) Sex: Female

Reference: Dr.GILEAD MEDICAL

Sample Collected At:
Ghana

VID: 36170117818

Registered On:
17/11/2017 11:37 AM
Collected On:
17/11/2017 5:07PM
Reported On:
17/11/2017 04:12 PM

Investigation

Prolactin
(Serum, CMIA)

Observed Value

13.39

Unit

ng/mL

Biological Reference Interval

5.18-26.53

Interpretation:

Prolactin secretion from pituitary shows significant diurnal, episodic and cyclical variations. Following is a suggested approach to hyperprolactinaemia in females -

Serum Prolactin levels	Interpretation	Remark "
5.18 to 26.53 ng/ml	Normal	Biological Reference Interval "
26.53 to 50 ng/ml	Mild prolactin excess	Often seen with physiological conditions like physical/emotional stress, exercise, pregnancy, lactation, etc. This may not be associated with clinical hyperprolactinaemia & needs review after a month"
51 to 75 ng/ml	Moderate prolactin excess	Often associated with clinical hyperprolactinaemia(short luteal phase, oligomenorrhea), hypothyroidism (often subclinical), macroprolactinaemia."
Above 100 ng/ml	Marked prolactin excess	Often associated with clinical hyperprolactinaemia- hypogonadism, amenorrhea, galactorrhea, hypothyroidism (often subclinical), macroprolactinaemia."
Above 200 ng/ml	Marked prolactin excess	Often associated with pituitary adenoma requiring further workup. High levels may be repeated with tripooled sample.

References :

1. Diagnosis & Treatment of hyperprolactinaemia. The endocrine society clinical practice guideline, 2011
2. Diagnosis & Management of hyperprolactinemia. Canadian Medical Association CMAJ .Sept.16, 2003;169(6)

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Mr. David Adjei Adu
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