

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 : Mr. CL67	Billing Date : 07/07/2023 12:19:35
Age : 35 Yrs	Sample Collected on : 10/07/2023 10:01:31
Sex : Male	Sample Received on : 10/07/2023 11:02:13
P. ID No. : P1000100012682	Report Released on : 19/07/2023 17:48:25
Accession No : 10002304738	Barcode No. : 10002304738-01
Referring Doctor : Self	Ref no. :
Referred By :	

Report Status - Final

Test Name	Result	Biological Ref. Interval	Unit
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BIOCHEMISTRY

Growth Hormone Stimulation Test

Sample: Serum

Growth Hormone Stimulation Test

Investigation	Observed Value	Unit	Biological Reference Interval
Growth Hormone Stimulation- 0min	0.96	ng/mL	0.06-2.55 Basal Range
Medical Remarks :0min			
Growth Hormone Stimulation- 30min	2	ng/mL	
Medical Remarks :30min			
Growth Hormone Stimulation- 60min	18.30		Refer Interpretation
Medical Remarks :60min			
Growth Hormone Stimulation- 90min	15.80	ng/mL	
Medical Remarks :90min			
Growth Hormone Stimulation- 120min	9.47	ng/mL	



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Medical Remarks : 120min

Interpretation:

The growth hormone (GH) stimulation test measures the level of growth hormone (GH) in the blood after stimulation with physiological factors or pharmacological agents. The test measures the ability of the pituitary gland to release GH.

Adequate rise above basal value- Optimal Peak value considered as above 10 ng/mL, Indeterminate - 5 - 10 ng/mL & Suboptimal – below 5 ng/mL

Growth Hormone Stimulation Test

Recommended stimulating agents are vigorous physical Exercise like running for 20 minutes OR Clonidine (Arkamine) 300 ug maximum or 5 ug/Kg body weight orally OR Insulin 0.10-0.15 U/Kg body weight IV 2.

If post stimulation GH level is > 7 ng/mL (If stimulating agent is Clonidine OR Exercise) / > 10 ng/mL (If stimulating agent is Insulin) , deficiency is unlikely

An intermediate response (GH 3-6 ng/mL) should be considered suspect and further testing performed if clinically indicated •

Subnormal response is not diagnostic for GH deficiency and should be confirmed with another provocative test

** End of Report**



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Senior Consultant

10002304738 Mr. CL67

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