

CLIENT CODE : C000096169

CLIENT'S NAME AND ADDRESS :
NUTRIWELL HEALTH INDIA PVT LTD
227 OKHLA PHASE III, FIRST FLOOR, SOUTH DELHI,

DELHI 110020
DELHI INDIA
11-41343500 9873863338



Cert. No. MC-2015

SRL LIMITED
SRL REFERENCE LAB, GP-26, MARUTI INDUSTRIAL ESTATE, UDYOG
VIHAR, SECTOR-18,
GURGAON, 122015
HARYANA, INDIA
Tel : 1800-222-000, 1800-102-8282, Fax : CIN -
U74899PB1995PLC045956
Email : connect@srl.in

PATIENT NAME : JAPJEE

PATIENT ID :

ACCESSION NO : 0009TA016843

AGE : 17 Years

SEX : Male

DATE OF BIRTH :

DRAWN :

RECEIVED : 11/01/2020 15:56

REPORTED : 12/01/2020 15:16

REFERRING DOCTOR :

CLIENT PATIENT ID :

| Test Report Status | Final | Results | Biological Reference Interval | Units |
|--------------------|-------|---------|-------------------------------|-------|
|--------------------|-------|---------|-------------------------------|-------|

SPECIALISED CHEMISTRY - ALLERGY

TOTAL IGE, SERUM

| | | | | |
|-----------------------------------|-------|------|-------------|-------|
| TOTAL IGE | 376.0 | High | 0.0 - 113.0 | IU/mL |
| METHOD : FLUOROENZYME IMMUNOASSAY | | | | |

SPECIALISED CHEMISTRY - HORMONE

GROWTH HORMONE, SERUM

| | | | | |
|----------------------|------|--------|------|-------|
| HUMAN GROWTH HORMONE | 0.05 | < or = | 3.00 | ng/mL |
|----------------------|------|--------|------|-------|

Interpretation(s)

GROWTH HORMONE, SERUM-Human growth hormone (hGH, somatotropin) is a polypeptide originating in the anterior pituitary. It is 191 amino acids in length and has a molecular mass of approximately 22,000 daltons. Its metabolic effects are primarily anabolic. It promotes protein conservation and engages a wide range of mechanisms for protein synthesis. It also enhances glucose transport and facilitates the buildup of glycogen stores.

Measurement of hGH is primarily of interest in the diagnosis and treatment of various forms of inappropriate growth hormone secretion. Clinical disorders of hyposecretion include dwarfism and unattained growth potential. Hypersecretion is associated with gigantism and acromegaly.

Caution must be exercised in the clinical interpretation of growth hormone levels. These vary throughout the day, making it difficult to define a reference range or to judge an individual's status based on single determinations. Many factors are known to influence the rate of growth hormone secretion, including periods of sleep and wakefulness, exercise, stress, hypoglycemia, estrogens, corticosteroids, L-dopa, and others.

Growth hormone-deficient individuals have fasting/resting levels similar to those found in healthy individuals. Various challenge tests have therefore been devised to differentiate these groups. Thus with the onset of deep sleep or after 15 to 20 minutes of vigorous exercise, growth hormone levels normally show a rise. Other tests of growth hormone responsiveness are based on the administration of L-dopa, arginine and insulin. Propanolol and estrogen are sometimes given in conjunction with the primary stimulus to accentuate the response.

A small number of cases of dwarfism have been documented in which both the basal level and the response to challenge testing were normal. Such cases may involve tissue insensitivity to either growth hormone or somatomedins, or the presence of antibodies or immunoreactive but biologically inactive growth hormone.

REFERENCE RANGE FOR GROWTH HORMONE STIMULATION TEST.

Post-stimulation normal peak levels of GH are 10 ng/mL or more. In children, GH levels 7.0 ng/mL or less and in adults GH levels of 5.0 ng/mL or less indicate GH deficiency. GH levels between normal and deficient states are considered as Indeterminate.

End Of Report

Please visit www.srlworld.com for related Test Information for this accession

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Head - Clinical Chemistry

Dr. Anurag Bansal
LAB DIRECTOR



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CONDITIONS OF LABORATORY TESTING & REPORTING

1. It is presumed that the test sample belongs to the patient named or identified in the test requisition form.
2. All Tests are performed and reported as per the turnaround time stated in the SRL Directory of services (DOS).
3. SRL confirms that all tests have been performed or assayed with highest quality standards, clinical safety & technical integrity.
4. A requested test might not be performed if:
 - a. Specimen received is insufficient or inappropriate specimen quality is unsatisfactory
 - b. Incorrect specimen type
 - c. Request for testing is withdrawn by the ordering doctor or patient
 - d. There is a discrepancy between the label on the specimen container and the name on the test requisition form
5. The results of a laboratory test are dependent on the quality of the sample as well as the assay technology.
6. Result delays could be because of uncontrolled circumstances. e.g. assay run failure.
7. Tests parameters marked by asterisks are excluded from the "scope" of NABL accredited tests. (If laboratory is accredited).
8. Laboratory results should be correlated with clinical information to determine Final diagnosis.
9. Test results are not valid for Medico- legal purposes.
10. In case of queries or unexpected test results please call at SRL customer care (Toll free: 1800-222-000). Post proper investigation repeat analysis may be carried out.

SRL Limited
Fortis Hospital, Sector 62, Phase VIII,
Mohali 160062