



Use a QR Code Scanner
Application To Scan the Code

CID : 2132924709
Name : MR.PRAVIN KUJUR
Age / Gender : 47 Years / Male
Consulting Dr. : -
Reg. Location : J B Nagar, Andheri East (Main Centre)

Collected : 25-Nov-2021 / 18:33
Reported : 25-Nov-2021 / 20:51

ARCOFEMI HEALTHCARE- BLOOD TEST

| <u>PARAMETER</u> | <u>RESULTS</u> | <u>BIOLOGICAL REF RANGE</u> | <u>METHOD</u> |
|--|----------------|---|---------------|
| GLUCOSE (SUGAR) FASTING, Fluoride Plasma | 96.3 | Non-Diabetic: < 100 mg/dl Impaired Fasting Glucose: 100-125 mg/dl Diabetic: >/= 126 mg/dl | Hexokinase |
| TOTAL PROTEINS, Serum | 7.6 | 6.4-8.3 g/dL | Biuret |
| ALBUMIN, Serum | 4.2 | 3.5-5.2 g/dL | BCG |
| GLOBULIN, Serum | 3.4 | 2.3-3.5 g/dL | Calculated |
| A/G RATIO, Serum | 1.2 | 1 - 2 | Calculated |
| BLOOD UREA, Serum | 20.1 | 12.8-42.8 mg/dl | Kinetic |
| BUN, Serum | 9.4 | 6-20 mg/dl | Calculated |
| CREATININE, Serum | 1.07 | 0.67-1.17 mg/dl | Enzymatic |
| eGFR, Serum | 79 | >60 ml/min/1.73sqm | Calculated |
| URIC ACID, Serum | 8.4 | 3.5-7.2 mg/dl | Enzymatic |

*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD CPL, Andheri West
*** End Of Report ***



MC-2111

Dr. ANUPA DIXIT
M.D.(PATH)
Consultant Pathologist & Lab Director

ADDRESS: 2nd Floor, Aston, Sundervan Complex, Above Mercedes Showroom, Andheri West - 400053

HEALTHLINE - MUMBAI: 022-6170-0000 | OTHER CITIES: 1800-266-4343

For Feedback - customerservice@suburbandiagnosics.com | www.suburbandiagnosics.com



Use a QR Code Scanner
Application To Scan the Code

CID : 2132924709
Name : MR.PRAVIN KUJUR
Age / Gender : 47 Years / Male
Consulting Dr. : -
Reg. Location : J B Nagar, Andheri East (Main Centre)

Collected : 25-Nov-2021 / 18:33
Reported : 25-Nov-2021 / 20:51

R
E
P
O
R
T

ARCOFEMI HEALTHCARE- BLOOD TEST
THYROID FUNCTION TESTS

| PARAMETER | RESULTS | BIOLOGICAL REF RANGE | METHOD |
|---------------------|---------|----------------------|--------|
| Free T3, Serum | 5.3 | 3.5-6.5 pmol/L | ECLIA |
| Free T4, Serum | 15.2 | 11.5-22.7 pmol/L | ECLIA |
| sensitiveTSH, Serum | 2.18 | 0.35-5.5 microIU/ml | ECLIA |

Interpretation:

A thyroid panel is used to evaluate thyroid function and/or help diagnose various thyroid disorders.

Clinical Significance:

- 1)TSH Values between 5.5 to 15 microIU/ml should be correlated clinically or repeat the test with new sample as physiological factors can give falsely high TSH.
- 2)TSH values may be transiently altered because of non thyroidal illness like severe infections,liver disease, renal and heart severe burns, trauma and surgery etc.

| TSH | FT4 / T4 | FT3 / T3 | Interpretation |
|------|----------|----------|---|
| High | Normal | Normal | Subclinical hypothyroidism, poor compliance with thyroxine, drugs like amiodarone, Recovery phase of non-thyroidal illness, TSH Resistance. |
| High | Low | Low | Hypothyroidism, Autoimmune thyroiditis, post radio iodine Rx, post thyroidectomy, Anti thyroid drugs, tyrosine kinase inhibitors & amiodarone, amyloid deposits in thyroid, thyroid tumors & congenital hypothyroidism. |
| Low | High | High | Hyperthyroidism, Graves disease, toxic multinodular goiter, toxic adenoma, excess iodine or thyroxine intake, pregnancy related (hyperemesis gravidarum, hydatiform mole) |
| Low | Normal | Normal | Subclinical Hyperthyroidism, recent Rx for Hyperthyroidism, drugs like steroids & dopamine), Non thyroidal illness. |
| Low | Low | Low | Central Hypothyroidism, Non Thyroidal Illness, Recent Rx for Hyperthyroidism. |
| High | High | High | Interfering anti TPO antibodies, Drug interference: Amiodarone, Heparin, Beta Blockers, steroids & anti epileptics. |

Diurnal Variation:TSH follows a diurnal rhythm and is at maximum between 2 am and 4 am , and is at a minimum between 6 pm and 10 pm. The variation is on the order of 50 to 206%. Biological variation:19.7%(with in subject variation)

Reflex Tests:Anti thyroid Antibodies,USG Thyroid ,TSH receptor Antibody. Thyroglobulin, Calcitonin

Limitations:Samples should not be taken from patients receiving therapy with high biotin doses (i.e. >5 mg/day) until atleast 8 hours following the last biotin administration.

Reference:

- 1.O.koulouri et al. / Best Practice and Research clinical Endocrinology and Metabolism 27(2013)
- 2.Interpretation of the thyroid function tests, Dayan et al. THE LANCET . Vol 357
- 3.Tietz ,Text Book of Clinical Chemistry and Molecular Biology -5th Edition
- 4.Biological Variation:From principles to Practice-Callum G Fraser (AACC Press)

*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD CPL, Andheri West
*** End Of Report ***



Anupa

Dr.ANUPA DIXIT
M.D.(PATH)
Consultant Pathologist & Lab Director

ADDRESS: 2nd Floor, Aston, Sundervan Complex, Above Mercedes Showroom, Andheri West - 400053

HEALTHLINE - MUMBAI: 022-6170-0000 | OTHER CITIES: 1800-266-4343

For Feedback - customerservice@suburbandiagnosics.com | www.suburbandiagnosics.com