**PROCESSED AT :**
**Thyrocare,**

Thyrocare
Tests you can trust

*Corporate office* : Thyrocare Technologies Limited, D-37/3, TTC MIDC, Turbhe, Navi Mumbai - 400 703
022 - 3090 0000 / 6712 3400 9870666333 wellness@thyrocare.com www.thyrocare.com

REPORT

**NAME** : XXXXXXXXXXXXXXXXXXXXXXXXX
**REF. BY** : XXXXXXXXXXXXXXXXXXXXXXXXX
**TEST ASKED** : AAROGYAM 24X7 (NON FASTING) - MINI

**SAMPLE COLLECTED AT :**
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

| TEST NAME | TECHNOLOGY | VALUE | UNITS |
|---|---|---|---|
| **25-OH VITAMIN D (TOTAL)** | E.C.L.I.A | 42.3 | ng/mL |

**Reference Range :**
Deficiency : <=20 ng/ml
Insufficiency : 21-29 ng/ml
Sufficiency : >= 30 ng/ml
Toxicity : >100 ng/ml

Clinical Significance:

Vitamin D is a fat soluble vitamin that has been known to help the body absorb and retain calcium and phosphorous; both are critical for building bone health. Decrease in vitamin D total levels indicate inadequate exposure of sunlight, dietary deficiency, nephrotic syndrome. Increase in vitamin D total levels indicate Vitamin D intoxication.

Specifications: Precision: Intra assay (%CV):9.20%, Inter assay (%CV):8.50%

Kit Validation Reference : Holick M. Vtamin D the underappreciated D-Lightful hormone that is important for Skeletal and cellular health Curr Opin Endocrinol Diabetes 2002:9(1)87-98.

**Method :** Fully Automated Electrochemiluminescence Compititive Immunoassay

| | | | |
|---|---|---|---|
| **VITAMIN B-12** | E.C.L.I.A | 435 | pg/mL |

**Reference Range :**
Normal: 197-771 pg/ml

Clinical significance :
Vitamin B12 or cyanocobalamin, is a complex corrinoid compound found exclusively from animal dietary sources, such as meat, eggs and milk. It is critical in normal DNA synthesis, which in turn affects erythrocyte maturation and in the formation of myelin sheath. Vitamin-B12 is used to find out neurological abnormalities and impaired DNA synthesis associated with macrocytic anemias. For diagnostic purpose, results should always be assessed in conjunction with the patients medical history, clinical examination and other findings.

Specifications: Intra assay (%CV):2.6%, Inter assay (%CV):2.3 %

Kit Validation Reference : Thomas L.Clinical laborator Diagnostics : Use and Assessment of Clinical laboratory Results 1st Edition,TH Books-Verl-Ges,1998:424-431

**Method :** Fully Automated Electrochemiluminescence Compititive Immunoassay

Dummy Report

**Disclaimer :**
Please note that the reported values are for the non-fasting samples. These parameters might show variations in the fasting state. Results to be correlated clinically.

**Sample Collected on (SCT)** : Sample collection time
**Sample Received on (SRT)** : Sample receiving time at Lab
**Report Released on (RRT)** : Report release time
**Sample Type** : SERUM
**Labcode** :
**Barcode** :

Doctor 1 Sign Doctor 2 Sign

**PROCESSED AT :**
**Thyrocare,**

Thyrocare
Tests you can trust

*Corporate office* : Thyrocare Technologies Limited, D-37/3, TTC MIDC, Turbhe, Navi Mumbai - 400 703
022 - 3090 0000 / 6712 3400 9870666333 wellness@thyrocare.com www.thyrocare.com

REPORT

**NAME** : XXXXXXXXXXXXXXXXXXXXXXXXXX
**REF. BY** : XXXXXXXXXXXXXXXXXXXXXXXXX
**TEST ASKED** : AAROGYAM 24X7 (NON FASTING) - MINI

**SAMPLE COLLECTED AT :**
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

| TEST NAME | TECHNOLOGY | VALUE | UNITS | NORMAL RANGE |
|---|---|---|---|---|
| ALKALINE PHOSPHATASE | PHOTOMETRY | 53.2 | U/L | 45-129 |
| BILIRUBIN - TOTAL | PHOTOMETRY | 0.46 | mg/dL | 0.3-1.2 |
| BILIRUBIN -DIRECT | PHOTOMETRY | 0.11 | mg/dL | < 0.3 |
| BILIRUBIN (INDIRECT) | CALCULATED | 0.32 | mg/dL | 0-0.9 |
| GAMMA GLUTAMYL TRANSFERASE (GGT) | PHOTOMETRY | 21.2 | U/L | < 55 |
| ASPARTATE AMINOTRANSFERASE (SGOT ) | PHOTOMETRY | 22.4 | U/L | < 35 |
| ALANINE TRANSAMINASE (SGPT) | PHOTOMETRY | 25.4 | U/L | < 45 |
| SGOT / SGPT RATIO | CALCULATED | 0.88 | Ratio | < 2 |
| PROTEIN - TOTAL | PHOTOMETRY | 7.44 | gm/dL | 5.7-8.2 |
| ALBUMIN - SERUM | PHOTOMETRY | 4.79 | gm/dL | 3.2-4.8 |
| SERUM GLOBULIN | CALCULATED | 2.65 | gm/dL | 2.5-3.4 |
| SERUM ALB/GLOBULIN RATIO | CALCULATED | 1.81 | Ratio | 0.9 - 2 |

**Please correlate with clinical conditions.**

**Method :**

ALKP - MODIFIED IFCC METHOD
BILT - VANADATE OXIDATION
BILD - VANADATE OXIDATION
BILI - DERIVED FROM SERUM TOTAL AND DIRECT BILIRUBIN VALUES
GGT - MODIFIED IFCC METHOD
SGOT - IFCC* WITHOUT PYRIDOXAL PHOSPHATE ACTIVATION
SGPT - IFCC* WITHOUT PYRIDOXAL PHOSPHATE ACTIVATION
OT/PT - DERIVED FROM SGOT AND SGPT VALUES.
PROT - BIURET METHOD
SALB - ALBUMIN BCG¹METHOD (COLORIMETRIC ASSAY ENDPOINT)
SEGB - DERIVED FROM SERUM ALBUMIN AND PROTEIN VALUES
A/GR - DERIVED FROM SERUM ALBUMIN AND PROTEIN VALUES

**Disclaimer :**
Please note that the reported values are for the non-fasting samples. These parameters might show variations in the fasting state. Results to be correlated clinically.

Dummy Report

**Sample Collected on (SCT)** : Sample collection time
**Sample Received on (SRT)** : Sample receiving time at Lab
**Report Released on (RRT)** : Report release time
**Sample Type** : SERUM
**Labcode** :
**Barcode** :

Doctor 1 Sign Doctor 2 Sign

**PROCESSED AT :**
**Thyrocare,**

Thyrocare
Tests you can trust

*Corporate office* : **Thyrocare Technologies Limited,** D-37/3, TTC MIDC, Turbhe, Navi Mumbai - 400 703
022 - 3090 0000 / 6712 3400 9870666333 wellness@thyrocare.com www.thyrocare.com

## REPORT

**NAME** : XXXXXXXXXXXXXXXXXXXXXXXX
**REF. BY** : XXXXXXXXXXXXXXXXXXXXXXXX
**TEST ASKED** : AAROGYAM 24X7 (NON FASTING) - MINI

**SAMPLE COLLECTED AT :**
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

| TEST NAME | TECHNOLOGY | VALUE | UNITS | NORMAL RANGE |
|---|---|---|---|---|
| BLOOD UREA NITROGEN (BUN) | PHOTOMETRY | 9.8 | mg/dL | 7.94 - 20.07 |
| **BUN / SR.CREATININE RATIO** | **CALCULATED** | **7.97** | **Ratio** | **9:1-23:1** |
| **CREATININE - SERUM** | **PHOTOMETRY** | **1.23** | **mg/dL** | **0.72-1.18** |
| UREA (CALCULATED) | CALCULATED | 20.97 | mg/dL | Adult : 17-43 |
| UREA / SR.CREATININE RATIO | CALCULATED | 17.05 | Ratio | < 52 |
| CALCIUM | PHOTOMETRY | 9.95 | mg/dL | 8.8-10.6 |
| URIC ACID | PHOTOMETRY | 6.6 | mg/dL | 4.2 - 7.3 |

**Please correlate with clinical conditions.**

**Method :**

BUN - KINETIC UV ASSAY.
B/CR - DERIVED FROM SERUM BUN AND CREATININE VALUES
SCRE - CREATININE ENZYMATIC METHOD
UREAC - DERIVED FROM BUN VALUE.
UR/CR - DERIVED FROM UREA AND SR.CREATININE VALUES.
CALC - ARSENAZO III METHOD, END POINT.
URIC - URICASE / PEROXIDASE METHOD

**Disclaimer :**
Please note that the reported values are for the non-fasting samples. These parameters might show variations in the fasting state. Results to be correlated clinically.

Dummy Report

**Sample Collected on (SCT)** : Sample collection time
**Sample Received on (SRT)** : Sample receiving time at Lab
**Report Released on (RRT)** : Report release time
**Sample Type** : SERUM
**Labcode** :
**Barcode** :

Doctor 1 Sign Doctor 2 Sign

**PROCESSED AT :**
**Thyrocare,**

Thyrocare
Tests you can trust

*Corporate office* : **Thyrocare Technologies Limited,** D-37/3, TTC MIDC, Turbhe, Navi Mumbai - 400 703
022 - 3090 0000 / 6712 3400 9870666333 wellness@thyrocare.com www.thyrocare.com

REPORT

**NAME** : XXXXXXXXXXXXXXXXXXXXXX
**REF. BY** : XXXXXXXXXXXXXXXXXXXXXX
**TEST ASKED** : AAROGYAM 24X7 (NON FASTING) - MINI

**SAMPLE COLLECTED AT :**
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

| TEST NAME | TECHNOLOGY | VALUE | UNITS | NORMAL RANGE |
|---|---|---|---|---|
| **TOTAL CHOLESTEROL** | **PHOTOMETRY** | **312** | **mg/dL** | **< 200** |

**Please correlate with clinical conditions.**

**Method :**

CHOL - CHOLESTEROL OXIDASE, ESTERASE, PEROXIDASE

***REFERENCE RANGES AS PER NCEP ATP III GUIDELINES:**

| TOTAL CHOLESTEROL | (mg/dl) |
|---|---|
| DESIRABLE | <200 |
| BORDERLINE HIGH | 200-239 |
| HIGH | >240 |

**Disclaimer :**
Please note that the reported values are for the non-fasting samples. These parameters might show variations in the fasting state. Results to be correlated clinically.

Dummy Report

**Sample Collected on (SCT)** : Sample collection time
**Sample Received on (SRT)** : Sample receiving time at Lab
**Report Released on (RRT)** : Report release time
**Sample Type** : SERUM
**Labcode** :
**Barcode** :

Doctor 1 Sign Doctor 2 Sign

**PROCESSED AT :**

**Thyrocare,**

Thyrocare
Tests you can trust

*Corporate office* : Thyrocare Technologies Limited, D-37/3, TTC MIDC, Turbhe, Navi Mumbai - 400 703
022 - 3090 0000 / 6712 3400 9870666333 wellness@thyrocare.com www.thyrocare.com

REPORT

**NAME** : XXXXXXXXXXXXXXXXXXXXXXX

**REF. BY** : XXXXXXXXXXXXXXXXXXXXXXX

**TEST ASKED** : AAROGYAM 24X7 (NON FASTING) - MINI

**SAMPLE COLLECTED AT :**
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

| TEST NAME | TECHNOLOGY | VALUE | UNITS | REFERENCE RANGE |
|---|---|---|---|---|
| TOTAL TRIIODOTHYRONINE (T3) | E.C.L.I.A | 88 | ng/dL | 80-200 |
| TOTAL THYROXINE (T4) | E.C.L.I.A | 6.56 | µg/dL | 4.8-12.7 |
| TSH - ULTRASENSITIVE | E.C.L.I.A | 2.03 | µIU/mL | 0.54-5.30 |

**Comments :** SUGGESTING THYRONORMALCY

**The Biological Reference Ranges is specific to the age group. Kindly correlate clinically.**

**Method :**

T3 - Fully Automated Electrochemiluminescence Compititive Immunoassay
T4 - Fully Automated Electrochemiluminescence Compititive Immunoassay
USTSH - Fully Automated Electrochemiluminescence Sandwich Immunoassay

**Disclaimer :**

Please note that the reported values are for the non-fasting samples. These parameters might show variations in the fasting state.
Results to be correlated clinically.

**Disclaimer :**

Results should always be interpreted using the reference range provided by the laboratory that performed the test. Different laboratories do tests using different technologies, methods and using different reagents which may cause difference
In reference ranges and hence it is recommended to interpret result with assay specific reference ranges provided in the reports.

Dummy Report

**Sample Collected on (SCT)** : Sample collection time
**Sample Received on (SRT)** : Sample receiving time at Lab
**Report Released on (RRT)** : Report release time
**Sample Type** : SERUM
**Labcode** :
**Barcode** :

Doctor 1 Sign Doctor 2 Sign

**PROCESSED AT :**
**Thyrocare,**

Thyrocare
Tests you can trust

*Corporate office* : Thyrocare Technologies Limited, D-37/3, TTC MIDC, Turbhe, Navi Mumbai - 400 703
022 - 3090 0000 / 6712 3400 9870666333 wellness@thyrocare.com www.thyrocare.com

REPORT

**NAME** : XXXXXXXXXXXXXXXXXXXXXX
**REF. BY** : XXXXXXXXXXXXXXXXXXXXXX
**TEST ASKED** : AAROGYAM 24X7 (NON FASTING) - MINI

**SAMPLE COLLECTED AT :**
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

| TEST NAME | TECHNOLOGY | VALUE | UNITS |
|---|---|---|---|
| **EST. GLOMERULAR FILTRATION RATE (eGFR)** | **CALCULATED** | **76** | **mL/min/1.73 m2** |

**Reference Range :-**

> = 90 : Normal
60 - 89 : Mild Decrease
45 - 59 : Mild to Moderate Decrease
30 - 44 : Moderate to Severe Decrease
15 - 29 : Severe Decrease

Clinical Significance

The normal serum creatinine reference interval does not necessarily reflect a normal GFR for a patient. Because mild and moderate kidney injury is poorly inferred from serum creatinine alone. Thus, it is recommended for clinical laboratories to routinely estimate glomerular filtration rate (eGFR), a "gold standard" measurement for assessment of renal function, and report the value when serum creatinine is measured for patients 18 and older, when appropriate and feasible. It cannot be measured easily in clinical practice, instead, GFR is estimated from equations using serum creatinine, age, race and sex. This provides easy to interpret information for the doctor and patient on the degree of renal impairment since it approximately equates to the percentage of kidney function remaining. Application of CKD-EPI equation together with the other diagnostic tools in renal medicine will further improve the detection and management of patients with CKD.

Reference

Levey AS, Stevens LA, Schmid CH, Zhang YL, Castro AF, 3rd, Feldman HI, et al. A new equation to estimate glomerular filtration rate. Ann Intern Med. 2009;150(9):604-12.

**Please correlate with clinical conditions.**
**Method:-** CKD-EPI Creatinine Equation

Dummy Report

**Sample Collected on (SCT)** : Sample collection time
**Sample Received on (SRT)** : Sample receiving time at Lab
**Report Released on (RRT)** : Report release time
**Sample Type** : SERUM
**Labcode** :
**Barcode** :

Doctor 1 Sign Doctor 2 Sign

**PROCESSED AT :**
**Thyrocare,**

Thyrocare
Tests you can trust

*Corporate office* : Thyrocare Technologies Limited, D-37/3, TTC MIDC, Turbhe, Navi Mumbai - 400 703
022 - 3090 0000 / 6712 3400 9870666333 wellness@thyrocare.com www.thyrocare.com

REPORT

**NAME** : XXXXXXXXXXXXXXXXX
**REF. BY** : XXXXXXXXXXXXXXXXX
**TEST ASKED** : HbA1c,HEMOGRAM

**SAMPLE COLLECTED AT :**
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

| TEST NAME | TECHNOLOGY | VALUE | UNITS |
|---|---|---|---|
| **HbA1c - (HPLC)** | | | |
| | **H.P.L.C** | **5.7** | **%** |

**Reference Range :**

| Reference Range: As per ADA Guidelines | Guidance For Known Diabetics |
|---|---|
| Below 5.7% : Normal<br>5.7% - 6.4% : Prediabetic<br>>=6.5% : Diabetic | Below 6.5% : Good Control<br>6.5% - 7% : Fair Control<br>7.0% - 8% : Unsatisfactory Control<br>>8% : Poor Control |

**Method :** Fully Automated H.P.L.C method

| | | | |
|---|---|---|---|
| **AVERAGE BLOOD GLUCOSE (ABG)** | CALCULATED | 117 | mg/dL |

**Reference Range :**

90 - 120 mg/dl : Good Control
121 - 150 mg/dl : Fair Control
151 - 180 mg/dl : Unsatisfactory Control
> 180 mg/dl : Poor Control

**Method :** Derived from HBA1c values

**Please correlate with clinical conditions.**

Dummy Report

**Sample Collected on (SCT)** : Sample collection time
**Sample Received on (SRT)** : Sample receiving time at Lab
**Report Released on (RRT)** : Report release time
**Sample Type** : EDTA
**Labcode** :
**Barcode** :

Doctor 1 Sign Doctor 2 Sign

**PROCESSED AT :**
**Thyrocare,**

Thyrocare
Tests you can trust

*Corporate office* : Thyrocare Technologies Limited, D-37/3, TTC MIDC, Turbhe, Navi Mumbai - 400 703
022 - 3090 0000 / 6712 3400 9870666333 wellness@thyrocare.com www.thyrocare.com

REPORT

**NAME** : XXXXXXXXXXXXXXXXXXX
**REF. BY** : XXXXXXXXXXXXXXXXXXX
**TEST ASKED** : HbA1c,HEMOGRAM

**SAMPLE COLLECTED AT :**
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

| TEST NAME | VALUE | UNITS | REFERENCE RANGE |
|---|---|---|---|
| TOTAL LEUCOCYTES COUNT (WBC) | 6.81 | X 10³ / µL | 4.0 - 10.0 |
| NEUTROPHILS | 46 | % | 40-80 |
| **LYMPHOCYTE PERCENTAGE** | **46.7** | **%** | **20-40** |
| MONOCYTES | 2.6 | % | 2-10 |
| EOSINOPHILS | 4 | % | 1-6 |
| BASOPHILS | 0.4 | % | 0-2 |
| IMMATURE GRANULOCYTE PERCENTAGE(IG%) | 0.3 | % | 0-0.5 |
| NEUTROPHILS - ABSOLUTE COUNT | 3.13 | X 10³ / µL | 2.0-7.0 |
| **LYMPHOCYTES - ABSOLUTE COUNT** | **3.18** | **X 10³ / µL** | **1.0-3.0** |
| **MONOCYTES - ABSOLUTE COUNT** | **0.18** | **X 10³ / µL** | **0.2 - 1.0** |
| BASOPHILS - ABSOLUTE COUNT | 0.03 | X 10³ / µL | 0.02 - 0.1 |
| EOSINOPHILS - ABSOLUTE COUNT | 0.27 | X 10³ / µL | 0.02 - 0.5 |
| IMMATURE GRANULOCYTES(IG) | 0.02 | X 10³ / µL | 0-0.3 |
| TOTAL RBC | 5.2 | X 10^6/µL | 4.5-5.5 |
| NUCLEATED RED BLOOD CELLS | 0.01 | X 10³ / µL | <0.01 |
| NUCLEATED RED BLOOD CELLS % | 0.01 | % | <0.01 |
| HEMOGLOBIN | 15.1 | g/dL | 13.0-17.0 |
| **HEMATOCRIT(PCV)** | **51.5** | **%** | **40.0-50.0** |
| MEAN CORPUSCULAR VOLUME(MCV) | 99 | fL | 83.0-101.0 |
| MEAN CORPUSCULAR HEMOGLOBIN(MCH) | 29 | pq | 27.0-32.0 |
| **MEAN CORP.HEMO.CONC(MCHC)** | **29.3** | **g/dL** | **31.5-34.5** |
| **RED CELL DISTRIBUTION WIDTH - SD(RDW-SD)** | **51.4** | **fL** | **39-46** |
| RED CELL DISTRIBUTION WIDTH (RDW-CV) | 14 | % | 11.6-14 |
| PLATELET DISTRIBUTION WIDTH(PDW) | 10.5 | fL | 9.6-15.2 |
| MEAN PLATELET VOLUME(MPV) | 10 | fL | 6.5-12 |
| PLATELET COUNT | 209 | X 10³ / µL | 150-410 |
| PLATELET TO LARGE CELL RATIO(PLCR) | 23.6 | % | 19.7-42.4 |
| PLATELETCRIT(PCT) | 0.21 | % | 0.19-0.39 |

**Remarks :** Alert!!! Predominantly normocytic normochromic with ovalocytes. Platelets:Appear adequate in smear.

**Please Correlate with clinical conditions.**
**Method : Fully automated bidirectional analyser (6 Part Differential SYSMEX XN-1000)**
**(This device performs hematology analyses according to the Hydrodynamic Focussing (DC method), Flow Cytometry Method (using a semiconductor laser), and SLS- hemoglobin method)**

**~~ End of report ~~**

Dummy Report

**Sample Collected on (SCT)** : Sample collection time
**Sample Received on (SRT)** : Sample receiving time at Lab
**Report Released on (RRT)** : Report release time
**Sample Type** : EDTA
**Labcode** :
**Barcode** :

Doctor 1 Sign Doctor 2 Sign

## CONDITIONS OF REPORTING

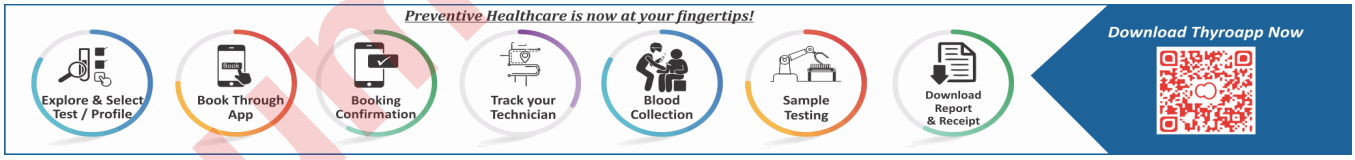
- The reported results are for information and interpretation of the referring doctor only.
- It is presumed that the tests performed on the specimen belong to the patient; named or identified.
- Results of tests may vary from laboratory to laboratory and also in some parameters from time to time for the same patient.
- Should the results indicate an unexpected abnormality, the same should be reconfirmed.
- Only such medical professionals who understand reporting units, reference ranges and limitations of technologies should interpret results.
- This report is not valid for medico-legal purpose.
- Neither Thyrocare, nor its employees/representatives assume any liability, responsibility for any loss or damage that may be incurred by any person as a result of presuming the meaning or contents of the report.
- Thyrocare Discovery video link :- https://youtu.be/nbdYeRgYyQc
- For clinical support please contact @8450950852,8450950853,8450950854 between 10:00 to 18:00

## EXPLANATIONS

- Majority of the specimen processed in the laboratory are collected by Pathologists and Hospitals we call them as "Clients".
- **Name** - The name is as declared by the client and recored by the personnel who collected the specimen.
- **Ref.Dr** - The name of the doctor who has recommended testing as declared by the client.
- **Labcode** - This is the accession number in our laboratory and it helps us in archiving and retrieving the data.
- **Barcode** - This is the specimen identity number and it states that the results are for the specimen bearing the barcode (irrespective of the name).
- **SCP** - Specimen Collection Point - This is the location where the blood or specimen was collected as declared by the client.
- **SCT** - Specimen Collection Time - The time when specimen was collected as declared by the client.
- **SRT** - Specimen Receiving Time - This time when the specimen reached our laboratory.
- **RRT** - Report Releasing Time - The time when our pathologist has released the values for Reporting.
- **Reference Range** - Means the range of values in which 95% of the normal population would fall.

## SUGGESTIONS

- Values out of reference range requires reconfirmation before starting any medical treatment.
- Retesting is needed if you suspect any quality shortcomings.
- Testing or retesting should be done in accredited laboratories.
- For suggestions, complaints or feedback, write to us at **info@thyrocare.com** or call us on **022-3090 0000 / 6712 3400**
- SMS:<Labcode No.> to **9870666333**






Dummy Report