

Corporate Office : Thyrocare Technologies Limited D-37/3, TTC MIDC, Turbhe, Navi Mumbai - 400703

☎ 022 - 3090 0000 / 4125 2525 ✉ wellness@thyrocare.com 🌐 www.thyrocare.com

## REPORT

**NAME** : SHARMISTHA SAHA (36Y/F)  
**REF. BY** : WELLNESS - DSA  
**TEST ASKED** : AAROGYAM  
 1.3, HOMO, TSH-LH-FSH-PRL, AMYL, LASE, CHL, SOD

**SAMPLE COLLECTED AT** :  
 PRABHABATI BHAWAN, NANGI STATION ROAD,  
 BATANAGAR, KOLKATA - - 700140

| TEST NAME                        | TECHNOLOGY        | VALUE      | UNITS        | NORMAL RANGE     |
|----------------------------------|-------------------|------------|--------------|------------------|
| TOTAL CHOLESTEROL                | PHOTOMETRY        | 169        | mg/dl        | 125 - 200        |
| HDL CHOLESTEROL - DIRECT         | PHOTOMETRY        | 61         | mg/dl        | 35-80            |
| TRIGLYCERIDES                    | PHOTOMETRY        | 71         | mg/dl        | 25 - 200         |
| LDL CHOLESTEROL - DIRECT         | PHOTOMETRY        | 117        | mg/dl        | 85 - 130         |
| <b>TC/ HDL CHOLESTEROL RATIO</b> | <b>CALCULATED</b> | <b>2.8</b> | <b>Ratio</b> | <b>3.0 - 5.0</b> |
| LDL / HDL RATIO                  | CALCULATED        | 1.9        | Ratio        | 1.5 - 3.5        |
| VLDL CHOLESTEROL                 | CALCULATED        | 14.2       | mg/dl        | 5 - 40           |
| NON-HDL CHOLESTEROL              | CALCULATED        | 108.4      | mg/dl        | < 160            |

Please correlate with clinical conditions.

## Method:

CHOL - CHOD POD METHOD

HCHO - ENZYME SELECTIVE PROTECTION METHOD

TRIG - ENZYMATIC COLORIMETRIC METHOD (GPO) [HIGHLY INFLUENCED BY LEVEL OF FASTING]

LDL - HOMOGEOUS ENZYMATIC COLORIMETRIC ASSAY

TC/H - DERIVED FROM SERUM CHOLESTEROL AND HDL VALUES

LDL/ - Derived from serum HDL and LDL Values

VLDL - DERIVED FROM SERUM TRIGLYCERIDE VALUES

NHDL - Derived from serum Cholesterol and HDL values

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

| TOTAL CHOLESTEROL | (mg/dl) | HDL  | (mg/dl) | LDL             | (mg/dl) | TRIGLYCERIDES   | (mg/dl) |
|-------------------|---------|------|---------|-----------------|---------|-----------------|---------|
| DESIRABLE         | <200    | LOW  | <40     | OPTIMAL         | <100    | NORMAL          | <150    |
| BORDERLINE HIGH   | 200-239 | HIGH | >60     | NEAR OPTIMAL    | 100-129 | BORDERLINE HIGH | 150-199 |
| HIGH              | >240    |      |         | BORDERLINE HIGH | 130-159 | HIGH            | 200-499 |
|                   |         |      |         | HIGH            | 160-189 | VERY HIGH       | >500    |
|                   |         |      |         | VERY HIGH       | >190    |                 |         |

Alert !!! 10-12 hours fasting is mandatory for lipid parameters. If not, values might fluctuate.

**Sample Collected on (SCT)** : 14 Jun 2016 07:00  
**Sample Received on (SRT)** : 15 Jun 2016 02:29  
**Report Released on (RRT)** : 15 Jun 2016 06:38  
**Sample Type** : SERUM  
**Labcode** : 140647875/DSA00  
**Barcode** : 72185517



Dr. Durgaprasad N Agrawal MD



Dr. Caesar Sengupta MD

Page : 8 of 14