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## 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 - HOMOGENOUS 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

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