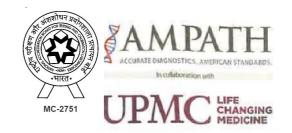
AMPATH
Central Refere

**REFERRED BY** 

Central Reference Laboratory, Door No. 1-100/1/CCH Nallagandla Serilingampally Hyderabad – 500019 040 6719 9977,www.ampath.com



# LABORATORY REPORT

PATIENT INFORMATION



SPECIMEN INFORMATION SAMPLE TYPE



: Whole Blood -EDTA



**REPORT STATUS** 

: Final Report

|--|

<b>HAEMATOLOGY</b>
--------------------

Test Name (Methodology) Result Flag Units Biological Reference Interval

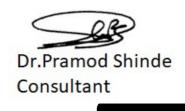
Stress Check

OP/IP/DG#

### **Complete Blood Counts**

## (Automated Hematology Analyzer & Microscopy)

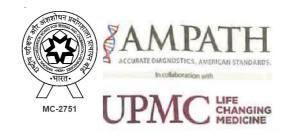
Total Leukocyte Count RBC Count Hemoglobin Hematocrit	5.6 <b>4.3</b> 14.3 45.1	L	10³/μΙ 10^6/μL g/dL %	4.0 - 11.0 4.5 - 5.5 13.0 - 17.0 40 - 50
MCV(Mean Corpuscular Volume)	104.5	Н	fL	83 - 101
MCH(Mean Corpuscular Hemoglobin)	33.1	Н	pg	27 - 32
MCHC(Mean Corpuscular Hemoglobin Concentration)	31.7		g/dL	31.5 - 34.5
RDW	16.7	Н	%	11.6 - 14
Platelet Count	150		10³/µl	150 - 410
MPV	13.7	Н	fL	7.5 - 11.5
Differential Counts % (VCSN)				
Neutrophils	72.0		%	40-80%
Lymphocytes	24.0		%	20-40%
Monocytes	4.0		%	2-10%
Eosinophils	0.0	L	%	1-6%
Basophils	0.0		%	0-1%
Differential Counts, Absolute				
Absolute Neutrophil Count Absolute Lymphocyte Count Absolute Monocyte Count Absolute Basophil Count	4.03 1.34 0.22 0.00		10³/µl 10³/µl 10³/µl 10³/µl	2.0-7.0 1.0-3.0 0.2 - 1.0 0.02 - 0.1
Absolute Dasophili Count	0.00		το /μι	0.02 - 0.1



This is an electronically authenticated laboratory report.

**REFERRED BY** 

Central Reference Laboratory, Door No. 1-100/1/CCH Nallagandla Serilingampally Hyderabad – 500019 040 6719 9977,www.ampath.com



# LABORATORY REPORT

PATIENT INFORMATION

SPECIMEN INFORMATION SAMPLE TYPE

: Fluoride Plasma



OP/IP/DG#



**REPORT STATUS** 

: Final Report

**BIOCHEMISTRY** 

**Test Name (Methodology)** Result Flag Units **Biological Reference Interval** 

Stress Check

**Glucose - Fasting** 

Glucose - Fasting (Hexokinase)

144.0

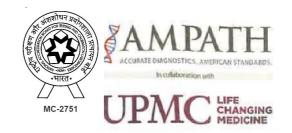
Н

mg/dL

Normal: 74-100 Pre-diabetic: 100-125

Diabetic: >=126

Central Reference Laboratory, Door No. 1-100/1/CCH Nallagandla Serilingampally Hyderabad – 500019 040 6719 9977,www.ampath.com



# LABORATORY REPORT

PATIENT INFORMATION
REFERRED BY
SAMPLE TYPE
: Serum

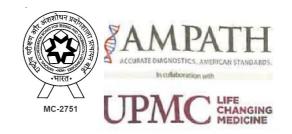
OP/IP/DG # :

REPORT STATUS : Final Report

BIOCHEMISTRY				
Test Name (Methodology)	Result	Flag	Units	Biological Reference Interval
Stress Check				
Cholesterol Total - Serum				
Cholesterol Total - Serum (Enzymatic colorimetric)	237.1	Н	mg/dL	<200 No risk 200-239 Moderate risk >240 High risk
Triglycerides				
Triglycerides (Enzymatic colorimetry)	275.6	Н	mg/dL	Normal: <150 Borderline-high: 150– 199 High risk 200–499 Very high risk >500
Cholesterol - HDL (Direct)				
Cholesterol - HDL (Direct) (Enzymatic colorimetric)	57.1		mg/dL	<40 High Risk ; >60 No Risk
Cholesterol - LDL				
Cholesterol - LDL (Direct) (Enzymatic colorimetric)	146.5	Н	mg/dL	Optimum:<100 Above optimum: <130; Moderate risk:130-159; High risk:>160
VLDL (Very Low Density Lipoprotein)				
VLDL (Very Low Density Lipoprotein) (Calculation)	55.1	Н	mg/dL	<30
Cholestrol/HDL Ratio				
Cho/HDL Ratio (Enzymatic colorimetric & Calculation)	4.15	Н		Normal:<4.0 Low risk:4.0-6.0 Hisk risk:>6.0
LDL/HDL Ratio				
LDL/HDL Ratio	2.56			
Uric acid				
Uric acid (Uricase)	4.5		mg/dL	3.4-7
Blood Urea Nitrogen, BUN - Serum				
Blood Urea Nitrogen (BUN) ( Calculation)	9.91		mg/dL	8.8-20.5
Creatinine (Modified Jaffe Kinetic)	1.10		mg/dL	< 1.20

This is an electronically authenticated laboratory report.

Central Reference Laboratory, Door No. 1-100/1/CCH Nallagandla Serilingampally Hyderabad – 500019 040 6719 9977,www.ampath.com



## LABORATORY REPORT

PATIENT INFORMATION
REFERRED BY
SAMPLE TYPE
: Serum

OP/IP/DG # :

REPORT STATUS : Final Report

	В	OCHEMI	STRY		
Test Name (Methodology)	Result		Flag	Units	Biological Reference Interval
Stress Check					
Electrolytes (Na, K, Cl) - Serum					
Sodium - Serum (ISE Indirect)	136.0			mmol/L	136 - 145
Potassium (ISE Indirect)	5.00			mmol/L	3.5-5.1
Chloride - Serum (ISE Indirect)	93.8		L	mmol/L	98-107
hs CRP (C-Reactive Protein high sensi	tive)				
hs CRP (C-Reactive Protein high sensitive) (Immunoturbidimetry)	0.49		L	mg/L	Relative risk: < 1.0 Average: 1.0-3.0 High risk: > 3.0
Apolipoprotein A1 (Apo-A1)					
Apolipoprotein A1 (Apo-A1) (Immunoturbidimetry)	166.00			mg/dL	110-205
Apolipoprotein B (Apo-B)					
Apolipoprotein B (Apo-B) ( Immunoturbidimetry)	122.00			mg/dL	55-140
Apolipoprotein B/Apolipoprotein A1 Ratio	0.73		Н		Low risk : 0.40-0.69 Moderate risk : 0.70-0.89 High risk : 0.90-1.10
Cortisol AM					
Cortisol AM (ECLIA)	0.80		L	µg/dL	Morning hours (6-10 a.m.): 6.2-19.4 Evening hours (4-8 p.m.): 2.3-11.9

## Interpretation:

Cortisol is a steroid hormone secreted by adrenal cortex

#### Elevated cortisol levels seen in:

- 1. Cushing syndrome due to primary adrenal disease (adenoma, carcinoma or nodular hyperplasia), secondary to excess of ACTH pituitary adenoma.
- 2. Stress

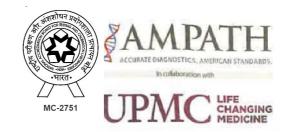
#### Decreased cortisol levels seen in:

- 1. Addison disease-primary adrenal insufficiency
- 2. Secondary adrenal insufficiency

This is an electronically authenticated laboratory report.

Page 4 of 6

Central Reference Laboratory, Door No. 1-100/1/CCH Nallagandla Serilingampally Hyderabad – 500019 040 6719 9977,www.ampath.com



### **LABORATORY REPORT**

PATIENT INFORMATION	REFERRED BY	SPECIMEN INFORMATI	ON
		SAMPLE TYPE	: Serum
OP/IP/DG#:		REPORT STATUS	: Final Repo

**BIOCHEMISTRY** 

**Test Name (Methodology)** Result Flag **Units Biological Reference Interval** 

Stress Check

3. Pituitary insufficiency

Vitamin D, 25-Hydroxy

Vitamin D, 25-Hydroxy (ECLIA)

41.7

ng/ml

Deficient: <=20 Insufficiency: 20-29 Desirable: >=30-100

Toxicity: >100

## Interpretation:

### Interpretation:

O Vitamin D is a fat soluble vitamin produced in the skin by exposure to sun light. Deficiency in children causes rickets and in adults leads to osteomalacia

#### Decreased:

- Impaired cutaneous production (lack of sunlight exposure)
- Dietary absence
- Malabsorption
- Increased metabolism due to drugs like barbiturates, phenytoin.
- Liver disease
- Renal failure
- VIT D receptor mutation

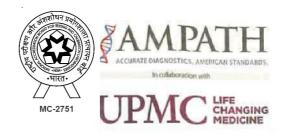
#### Increased:

O Vitamin D intoxication due to increased vit D supplements intake

---- End Of Report ----

This is an electronically authenticated laboratory report.

Central Reference Laboratory, Door No. 1-100/1/CCH Nallagandla Serilingampally Hyderabad – 500019 040 6719 9977,www.ampath.com



# LABORATORY REPORT

PATIENT INFORMATION

OP/IP/DG#

**REFERRED BY** 

SPECIMEN INFORMATION SAMPLE TYPE

**REPORT STATUS** 

: Serum

: Final Report

**BIOCHEMISTRY** 

**Test Name (Methodology)** 

Result

Flag

**Units** 

**Biological Reference Interval** 

Stress Check

Sanjuta Dr.Sanjeeta

**Consultant-Biochemist**