

## Hematology

*Test	Result	Units	Reference Range	Differential
<b>WBC</b>	7.5	10 <sup>3</sup> /uL	4.4 - 11.0	Neutrophil 73
<b>RBC</b>	4.60	10 <sup>6</sup> /uL	M : 4.1 - 5.7 F : 3.8 - 5.2	Lymphocyte 21 Monocyte 4
<b>Hemoglobin</b>	13.2	g/dl	M : 13.2 - 17.3 F : 11.7 - 15.8	Eosinophil 2
<b>Hematocrit</b>	40.2	%	M : 38 - 50 F : 35 - 45	Total: 100
MCV	87.4	fL	80-96	
MCH	28.7	pg	27.5-33.2	
MCHC	32.8	gr/dL	32 - 36	
RDW - CV	11.8	%	11.6 - 15	
<b>Platelets</b>	294	10 <sup>3</sup> /uL	150 - 450	
PDW	11.4	%		
MPV	9.1	fL	9.3 - 12.4	

## Biochemistry

Test	Result	Units	Reference Range
Glucose (Fasting)	94	mg/dl	Adult: 70-105
Urea	15	mg/dl	Newborn:9-26 Infant/child:11 - 39 Adult:13-43 Adult>60 years:17 - 49
Creatinine	0.71	mg/dl	Adult M: 0.7 - 1.4 F:0.6 - 1.3
Cholesterol	211	mg/dl	Adult (Desirable): <200 Child (Desirable): <170
Triglyceride	223	mg/dl	< 150
High Density Lipoprotein	49	mg/dl	Low : < 40 High : > 59
Low Density Lipoprotein.	143	mg/dl	Optimal: <130 Borderline: 130-160 High: >160
Calcium	9.7	mg/dL	Adult : 8.6 - 10.3 Child : 9.0 - 11.5
Phosphate	2.8	mg/dl	Adult : 2.5-5.0 Child : 4.0-7.0
SGOT (AST)	15	IU/L	Male: Up to 37 Female: Up to 31 Neonate/Infant: Up to 68
SGPT (ALT)	20	IU/L	Male: Up to 41 Female: Up to 31
Iron	115	ug/dl	Adult (Female): 40 - 150
Total Iron Bin.cap.(TIBC)	249	μg/dl	Infant : 100-400 There after : 250-450
UIBC	134.0	μg/dl	120-470

## Special Biochemistry

Test	Result	Units	Reference Range
Ferritin (EIA)	37	ng/ml	Method : ELISA Newborn: 150-500 Adult Male: 20-300 Adult Female: 10-100 Postmenopause: 20-200

## Special Biochemistry (Continued)

Test	Result	Units	Reference Range
Vitamin D (HPLC) _____	52.1	ng/ml	Method : HPLC Deficient : 0-20 Sub optimal : 20-30 Optimal vitamin : 30-50 Upper Normal : 50-70 Over Normal but non toxic :70-150 Toxic : >150

## Urinalysis

Specimen      Urine

### Macroscopic

Color	Yellow
Appearance	Semi Clear
Reaction PH	6.0
Specific Gravity	1.025
Protein*	Negative
Blood	Negative
Glucose	Negative
Ketones	Negative
Nitrite	Negative
Bilirubin	Negative
Urobilinogen	Negative
Leukocytes	Negative

### Microscopic

WBC /hpf	3-4
RBC /hpf	0-1
Epithelial Cells	8-10
Mucus	Few
Bacteria	Rare
Crystals	None
Casts /hpf	None

Note :

Total protein With Sulfosalicylic acid method:Negative.The minimum sensitivity of the strip is 5-10 erythrocytes and 10-25 leukocytes / µl urine

Signed by: Lab Director