

## Hematology

Test	Result	Unit	Normal Range	Differential	
CBC	.				
W.B.C	4.66	$\times 10^3/\mu\text{L}$	3.5 - 11	Neutrophils	41.0 %
R.B.C	4.83	$\times 10^6/\mu\text{L}$	4 - 6	LYMPH	46.4 %
Hb	14.2	g/dL	11.5 - 17	MONO	7.7 %
Hct	39.8	%	36 - 51	EOSINO	4.5 %
MCV	82.4	fL	80 - 96	BASO	0.4 %
MCH	29.4	pg	26 - 34		
MCHC	35.7	g/dL	30 - 36		
PLT	171	$\times 10^3/\mu\text{L}$	140 - 450		
RDW-SD	39.8	fL	37 - 54		
RDW-CV	13.5	%	10 - 14.5		
PDW	12.2	fL	9 - 20		
MPV	10.4	fL	6.5 - 12		
P-LCR	27.5	%	13 - 43		
PCT	0.18	%	0.17 - 0.35		
ESR 1hrs	6	mm/hr	Male: Below age 50 yrs: < 15 Above age 50 yrs: < 20 Above age 85 yrs: < 30 Female: Below age 50 yrs: < 20 Above age 50 yrs: < 30 Above age 85 yrs: < 42		
Rouleaux	-				
ESR 2hrs	20				

## Biochemistry

Test	Result	Unit	Normal Range
FBS	108	mg/dl	Infant 1-6 years :74-127 " 7-19 " :70-106 Adult:70-115
BUN	15	mg/dl	Female: 20-50 yrs:7.0-19 Above 50 yrs:9.0-20 Male: 22-52 yrs:8.0-20.0 Above 50 yrs:8.0-25 Children: 1-3 yrs:5.0-16.0 4-13 yrs:7.0-16.0 14-19 yrs:8.0-21.0
Creat	1.05	mg/dl	Adult Men:0.7-1.40 Adult Women:0.6-1.3
TG	78	mg/dl	Male:40-160 Female:35-135
Cholestrol	146	mg/dl	Desirable Cholestrol Level:<200 Borderline High Cholestrol:200-239 High Cholestrol:>240
P	4.27	mg/dl	Adult:2.6-4.5 4-6 years:3.3-5.6 7-9 " :3.0-5.4 10-12 " :3.2-5.7 13-15 " :2.9-5.1 16-18 " :2.7-4.9
Ca	8.8	mg/dl	Adult:8.5 - 10.5 Infant:10.0 - 12.0 Newborn:8.0 - 13.0
Alk.p	256	IU/L	Female :64-306 Male :80-306 Child Up to 15 yrs:180-1200
HDL	48	mg/dl	Normal: >65 Low Risk: 45-65 High Risk: <45
LDL	86	mg/dl	Normal:<= 130 Borderline:130-160 High Risk :>160
Serum Na	141	mmol/L	136 - 145
Serum K	4.4	mmol/L	3.5 - 5.1

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۱۴۴۰/۰۴/۳۱

## Hormone

Test	Result	Unit	Method	Normal Range
T4	7.6	μgr/dl	CLIA	4.7-12.5
T3UP	1.2	μgr/dl	CLIA	0.69-1.41
<b>TSH</b>	<b>H 7.5</b>	mIU/L	ELISA	0.32-5.2
FT4	0.8	ng/dL	ELISA	0.7-1.8
prolactin	21	mIU/mL	ELISA	Premenopause:118-555 Postmenopause:33-413 Male:31-433
PTH	12.7	pg/mL	ELISA	9-94
Vitamin D	37	ng/mL	CLIA	Defficient : <10 Insufficient : 10-30 Sufficient : 30-100 Intoxication: >100
<b>Cortisol 8 Am</b>	<b>L 0.82</b>	μgr/dl	CLIA	4.5-24
<b>IGF1</b>	<b>L 24.6</b>	ng/mL	CLIA	59-177

H=High L=Low

Lab director

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