

Age : 35 years
Gender : M

Test	Result	Unit	Ref.Values
CHEMISTRY			
Electrol./Metabolites			
Sodium	137	mmol/L	135-145
Potassium	4.1	mmol/L	3.5-5.0
Creatinine	96	umol/L	70-110
eGFR	77		>90
ml/min/1.73m2			
Serum iron	* 5.9	umol/L	11.0-30.0
Uric acid	0.32	mmol/L	0.12-0.42
Bilirubin total	14.0	umol/L	0.0-17.0
Enzymes			
Alkaline phosphatase	53	U/L	0-140
Gamma GT	* 69	U/L	0-40
ASAT	* 62	U/L	0-35
ALAT	* 85	U/L	0-40
Proteins			
Albumin	42.3	g/L	35.0-50.0
Transferrin	2.52	g/L	1.90-3.20
%Transf.saturation	* 11	%	16-45
Ferritin	* 2081	ug/L	10-275
CRP	* 41	mg/L	0-10
Lipids			
Cholesterol	3.6	mmol/L	3.1-4.7
HDL Cholesterol	* 0.24	mmol/L	0.70-1.50
LDL Cholesterol	2.1	mmol/L	0.7-3.6
Triglycerides	* 2.79	mmol/L	0.80-2.00
Ratio chol/HDL	15.0		
Carbohydrate metabolism			
Glucose hep.	* 6.2	mmol/L	4.0-5.6
Tumor markers			
Total-PSA	1.00	ug/L	0.0-2.5
HEMATOLOGY			
Hemocytometry			
Hemoglobin	* 7.9	mmol/L	8.5-11.0
Hematocrit	* 0.38	L/L	0.41-0.51
MCV	88	fl	80-100
Erythrocytes	*	4.33	10E12/L
4.60-6.20			
Leukocytes	8.6	10E9/L	4.0-10.0
Thrombocytes	207	10E9/L	150-400
Differentiation (manual)			
Basophilic granulo	2	%	0-2
Eosinophilic granulo	1	%	1-6
Banded neutrophils	3	%	0-5
Segmented neutrophils	* 39	%	40-80
Lymfocytes	* 48	%	20-40
Monocytes	7	%	2-10

Metamyelocytes	0	%	0-0
Myelocytes	0	%	0-0
Promyelocytes	0	%	0-0
Blasts	0	%	0-0
Plasmacells	0	%	
Erythroblast	0	/100WBC	
Basophilic granulo	0.17	10E9/L	0.02-0.20
Eosinophilic granulo	0.09	10E9/L	0.02-0.50
Banded neutrophils	0.3	10E9/L	0-0.5
Segmented neutrophils	3.4	10E9/L	2.00-7.00
Lymfocytes	* 4.1	10E9/L	1.00-3.00
Monocytes	0.6	10E9/L	0.20-1.00
Metamyelocytes	0.0	10E9/L	0-0
Myelocytes	0.0	10E9/L	0-0
Promyelocytes	0.0	10E9/L	0-0
Blasts	0.0	10E9/L	0-0
Plasmacells	0.0	10E9/L	0-0
Leuko morphology	atypical lymfocytes ++		
Images suggest the presence of mononucleosis infectiosa, cytomegalovirus, toxoplasmosis, etc.			
Serology for viruses : hepatitis A, B and C virus			
Anti-HAV total	negative		
Anti-HAV IgM	negative		
HBsAg	negative		
Anti-HBc	negative		
Anti-HCV	negative		
Serology for viruses: other viruses			
Cytomegalovirus IgG	4.4	E/ml	negative
Cytomegalovirus IgM	negative		
EBV IgM (Capside)	positive		
EBV EBNA IgG	negative		
Slide test mononucleosis	positive		
Serology for other organisms			
Toxoplasmosis IgG	0.0	IE/ml	negative
Toxoplasmosis IgM	negative		

Comments : Additional serological research is initiated in consultation with the department of medical microbiology.