

Smart Blood Analytics report #1192

#375 Anonymous_Patient_PNEU/INF

Female, 42 (1975)

Blood Parameters

Lab Test Date: 2018/03/05

Biochemistry

		Value	Unit	Reference range
Glucose	H	5.8	mmol/L	4.1-5.6
Urea	H	7.3	mmol/L	2.1-7.1
Potassium, K		3.6	mmol/L	3.5-5
Sodium, Na	L	131	mmol/L	136-145
Creatinine		85	µmol/L	0-133
Bilirubin Direct	H	12	µmol/L	1.7-5.1
Bilirubin, Total	H	21	µmol/L	5.1-17

Protein and amino acid analysis

		Value	Unit	Reference range
Troponin I		0.071	µg/L	0-0.4
C-Reactive Protein, CRP	H	52	mg/L	0-5

Hemostasis

		Value	Unit	Reference range
Prothrombin time, PT	L	0.55	1	0.7-1
Prothrombin international normalized ratio, INR	H	1.44	1	0.9-1.2

Blood gas analysis and hemoglobins

		Value	Unit	Reference range
Carbon dioxide partial pressure, arterial blood, pCO2	L	3.9	kPa	4.7-5.9
Oxygen, partial pressure, pO2	L	6.3	kPa	11-13
Bicarbonate; HCO3, arterial blood		23.3	mmol/L	21-28
Carbon dioxide content, arterial blood		24.2	mmol/L	24-32
Base excess		1.4	mmol/L	-2-2
Oxygen saturation, HbO2	L	0.86		0.96-1

Enzymes

		Value	Unit	Reference range
Alkaline Phosphatase, AP		0.79	µkat/L	0.71-1.67
Aspartate Aminotransferase,	H	1.81	µkat/L	0.17-1

AST, GOT

Alanine Aminotransferase, ALT, GPT	H	0.63	µkat/L	0.17-0.48
Gamma-Glutamyltransferase, GGT	H	0.92	µkat/L	0-0.65
Amylase, Total		1.93	µkat/L	0.46-2.21
Lipase	H	2.55	µkat/L	0-0.65
Creatine Kinase, CK	H	21.7	µkat/L	0.58-2.47
Lactate Dehydrogenase, LD	H	8.16	µkat/L	1.7-3.2

Hematology











		Value	Unit	Reference range
Leukocyte count, WBC	L	2.4	1E9/L	4-10
Erythrocyte count, RBC		4.84	1E12/L	4-5.2
Hemoglobin		133	g/L	120-150
Hematocrit		0.401	1	0.36-0.46
Mean Corpuscular Volume, MCV	L	82.8	fL	83-101
Mean Corpuscular Hemoglobin, MCH		27.4	pg/cell	27-32
Mean Corpuscular Hemoglobin Concentration, MCHC		338	g/L	315-345
Erythrocyte Distribution Width, RDW	H	19.3	%	11.6-14
Thrombocytes count, Platelet count		193	1E9/L	150-410
Mean Platelet Volume, MPV		9.8	fL	9.2-12.9
Neutrophils count		1.87	1E9/L	1.5-7.4
Lymphocyte count	L	0.35	1E9/L	1-3.4
Monocyte count	L	0.2	1E9/L	0.21-0.92
Eosinophils count	L	0	1E9/L	0.02-0.67
Basophils count		0	1E9/L	0-0.13
Neutrophils %	H	76	%	40-70
Lymphocyte %	L	14.3	%	22-44
Monocyte %		9.5	%	4-11
Eosinophils %		0.1	%	0-8
Basophils %		0.1	%	0-3



Smart Blood Analytics Report

 Model used: Internal
 medicine

Report Date: 2018/03/05

	ICD	Prediction	Information	Description
	J18	18.29%	3.14	Pneumonia, organism unspecified
	J10	15.66%	7.61	Influenza due to other identified influenza virus
	K85	10.93%	2.68	Acute pancreatitis
	J96	6.56%	2.03	Respiratory failure, not elsewhere classified
	I21	4.75%	-0.76	Acute myocardial infarction
	I50	4.22%	-0.53	Heart failure
	J15	2.56%	2.23	Bacterial pneumonia, not elsewhere classified
	I48	2.45%	0.15	Atrial fibrillation and flutter
	K80	1.63%	0.05	Cholelithiasis
	I20	1.25%	-2.43	Angina pectoris

