



Patient: SAMPLE
PATIENT

Order Number:

Functional Biochemistry & Haematology

Analyte	Result	Units	Reference Range
Glucose & Lipid Metabolism			
Glucose (Plasma)	4.8	mmol/L	3.9-6.0
HbA1C (DCCT aligned) (Whole Blood)	5.4	%	4.0-5.9
HbA1C (IFCC) (Whole Blood)	36	mmol/mol	20-41
Cholesterol (Serum)	6.85 H	mmol/L	<=5.00
HDL Cholesterol	1.37	mmol/L	>1.03
HDL/LDL Ratio	0.29	mmol/L	<=5.00
LDL Cholesterol	4.68 H	mmol/L	<=3.00
Triglycerides (Serum)	1.77	mmol/L	0.10-2.00
Renal Function (Serum)			
Urea	6.0	mmol/L	2.5-7.8
Creatinine	52	µmol/L	49-90
Uric Acid	0.33	µmol/L	0.15-0.35
Adrenal Function (Serum)			
Sodium	142	mmol/L	135-145
Potassium	3.7	mmol/L	3.5-5.3
Chloride	106	mmol/L	95-108
Bicarbonate	25	mmol/L	22-29
Liver Function (Serum)			
Protein, Total	65	g/L	60-80
Albumin	43	g/L	35-50
Globulin	22 L	g/L Calc	25-30
Albumin/Globulin Ratio	2.0	Calc	
Bilirubin, Total	12.2	µmol/L	1.0-21.0
Alkaline Phosphatase	65	IU/L	30-150
Gamma Glutamyl Transferase	10	IU/L	9-36
Aspartate Transaminase	19	IU/L	5-45
Alanine Transaminase	25	IU/L	<=55
Creatine Kinase	69	IU/L	25-200

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Analyte	Result	Units	Reference Range
Thyroid & Parathyroid Function (Serum)			
Calcium	2.21 L	mmol/L	2.23-2.50
Phosphorous, Inorganic	1.0	mmol/L	0.8-1.5
Thyroid Stimulating Hormone †	1.7	mIU/L	0.4-4.0
Free Thyroxine (FT4) †	12.7	pmol/L	11.5-22.7
Free T3 †	3.9	pmol/L	2.8-6.5
Iron & Inflammation (Serum)			
Iron, Total	21	µmol/L	8-25
Iron binding capacity	64.4	µmol/L	45.0-70.0
% Saturation	32	% Calc	20-50
Ferritin	69	ng/mL	5-204
hs C-reactive Protein	0.3	mg/L	<=10.0
Functional Haematology (Whole Blood)			
Haemoglobin (Hb)	135.00 g/L*	13.5 g/dL	11.5-16.0
Red Cell Count (RBC)	4.31	x10 ¹² /L	3.80-4.80
Haematocrit (HCT)	0.40		0.36-0.46
Mean Cell Volume (MCV)	93.50	fL	80.00-100.00
MCH	31.40	pg	27.00-32.00
MCHC	336.00 g/L*	33.6 g/dL	31.0-35.0
RDW	11.1	%	10.9-15.7
Platelet Count	132 L	x10 ⁹ /L	150-400
White Cell Count (WBC)	4.8	x10 ⁹ /L	4.0-11.0
Neutrophils (absolute)	3.38	x10 ⁹ /L	2.00-7.50
Neutrophils (%)	70.42	%	
Lymphocytes (absolute)	0.90 L	x10 ⁹ /L	1.50-4.00
Lymphocytes (%)	18.75	%	
Monocytes (absolute)	0.31 L	x10 ⁹ /L	0.40-1.00
Monocytes (%)	6.46	%	
Eosinophils (absolute)	0.06	x10 ⁹ /L	0.04-0.40
Eosinophils (%)	1.25	%	
Basophils (absolute)	0.11 H	x10 ⁹ /L	<=0.10
Basophils (%)	2.29	%	
ESR	4	mm/hr	1-35

[Analysis Performed by London Clinic]



Within Normal Ranges



Outside Normal Ranges

* Please note: New units for Hb and MCHC results in line with national guidelines.

† Analysis performed by Genova Diagnostics, Europe.