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Pat. Name / ID	: MR. VIACHESLAV GAMAZEISHCHIKOV / 7054	Collected Date	: 20/08/2025, 10:02 a.m.
DOB	: 01/01/1990	Received Date	: 20/08/2025, 05:12 p.m.
Sex	: MALE	Report Date	: 21/08/2025, 09:52 a.m.
Req. Clinician	: DR. VISITHEALTH	Sample ID	: 000123225S
Clinical Details	:		

HAEMATOLOGY

Test Description	Result	Unit	Reference Range
Red blood cell count (RBC)	4.93	X10 ¹² /L	4.3 - 5.4
Haemoglobin (Hb)	145.00	g/L	134 - 166
Haematocrit level (HCT)	0.426	L/L	0.40 - 0.49
Mean cell volume (MCV)	86.4	fl	84 - 98
Mean cell haemoglobin level (MCH)	29.3	pg	28.3 - 33.3
Mean cell haemoglobin concentration (MCHC)	340	g/L	324 - 350
Red blood cell distribution width (RDW)	14		11 - 16
Platelet count (PLT)	213	X10 ⁹ /L	136 - 343
Mean platelet volume (MPV)	10.1	fl	7 - 13
White blood cell count (WBC)	5.3	X10 ⁹ /L	4.4 - 10.1
Neutrophils (Ne)	2.6	X10 ⁹ /L	2.1 - 6.7
Lymphocytes (Ly)	2	X10 ⁹ /L	1.3 - 3.7
Monocytes (Mo)	0.4	X10 ⁹ /L	0.3 - 1.0
Eosinophils (Eo)	0.2	X10 ⁹ /L	0.1 - 0.5
Basophils (Ba)	0.1	X10 ⁹ /L	0 - 0.2

BIOCHEMISTRY (CLINICAL)

Test Description	Result	Unit	Reference Range
Sodium	141	mmol/L	133 - 146
Potassium	4.2	mmol/L	3.5 - 5.1
Chloride	103	mmol/L	95 - 108
Bicarbonate	30	mmol/L	22 - 29
Urea	4.9	mmol/L	2.5 - 7.8
Creatinine	77	umol/L	59 - 104
eGFR	115	ml/min/1.73m ²	For UK guidelines: www.renal.org/information-resources
Albumin	48	g/L	35 - 50
Total bilirubin	11.3	umol/L	0 - 21
Alanine Aminotransferase (ALT)	17	IU/L	0 - 50
Aspartate Aminotransferase (AST)	20	IU/L	0 - 50
Gamma-Glutamyl transpeptidase (GGT)	18	IU/L	0 - 55
Alkaline phosphatase (ALP)	47	IU/L	30 - 130
Total protein	74	g/L	60 - 80



Examinations with an * are not included in the scope of accreditation.
Examinations with an ** are referral laboratory results.
Note: This document is not valid for medico-legal purposes.

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Globulin	26	g/L	19 - 35
Cholesterol	6.73	mmol/L	Desirable < 5.2
Triglycerides	0.75	mmol/L	Normal < 1.7
HDL Cholesterol	1.7	mmol/L	> 1.2
LDL Cholesterol	4.63	mmol/L	Optimal < 3.3
Total cholesterol: HDL ratio	3.96		< 5.0
HDL % of total	25.26	%	> 20
Non-HDL Cholesterol	5.03	mmol/L	< 3.8

ENDOCRINOLOGY

Test Description	Result	Unit	Reference Range
Testosterone	19.5	nmol/L	6 - 27
Sex hormone binding globulin (SHBG)	48.3	nmol/L	13.3 - 89.5
Albumin	48	g/L	35 - 50
Free Testosterone	0.31	nmol/L	0.2 - 0.7
Method : Vermeulen (calculation)			
Free Androgen Index	40.3727		
Luteinizing hormone (LH)	3.41	IU/L	1.2 - 8.6
Follicle stimulating hormone (FSH)	2.3	IU/L	1.3 - 19.3
Oestradiol	71.1	pmol/L	55 - 116

END OF REPORT