THE LONDON CLINIC PATHOLOGY REPORT
Direct Line: 020 7616 7755
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Medical Express
Medical Express Clinic
117a Harley Street
London
W1G 6AT

Surname PATIENT
Forename TEST
Title Ms
D.O.B 20/01/1964 Sex F
MPI No L0726128
Location
Ext Ref

Collected on 13/07/2023 at 11:13
Received on 13/07/2023 at 12:46
Lab.No 169535
Specimen Serum

BIOCHEMISTRY

Sodium	137	mmol/L	(*--)	(133 - 146)
Potassium	4.6	mmol/L	(-*-)	(3.5 - 5.3)
Chloride	101	mmol/L	(-*-)	(95 - 108)
Bicarbonate	28	mmol/L	(--*)	(22 - 29)
Urea	3.4	mmol/L	(*--)	(2.5 - 6.1)
Creatinine (enzymatic)	64	umol/L	(-*-)	(46 - 92)
Estimated GFR	82	mL/min		

eGFR >60 mL/min/1.73m^2 can be regarded as normal in the absence of other evidence of renal disease.

Please note, NICE recommendation to multiply reported result by a factor of 1.212 in individuals of Afro-Caribbean origin has been withdrawn. For further details, please see Chronic kidney disease: assessment and management NICE guideline Published: 25 August 2021 www.nice.org.uk/guidance/ng203

Uric Acid	191	umol/L	(*--)	(140 - 360)
Calcium	2.45	mmol/L	(-*-)	(2.20 - 2.60)
Adjusted calcium	2.42	mmol/L	(-*-)	(2.20 - 2.60)
Phosphate	1.3	mmol/L	(--*)	(0.8 - 1.5)
Albumin	48	g/L	(--*)	(35 - 50)
Total Protein	79	g/L	(--*)	(60 - 80)
Globulin	31	g/L	(--*)	(20 - 34)
Total Bilirubin	8.3	umol/L	(-*-)	(0.0 - 20.9)
Alanine aminotransferase (ALT)	16	U/L	(*--)	(0 - 50)
Aspartate aminotransferase,AST	22	U/L	(-*-)	(14 - 36)
y-Glutamyl transferase (GGT)	19	U/L	(*--)	(12 - 43)
Alkaline phosphatase (ALP)	56	U/L	(*--)	(30 - 130)
Cholesterol	5.98	mmol/L	(---)*	(1.29 - 5.1)

Depending on clinical factors, therapeutic target ranges for lipids should be: total cholesterol <5 mmol/L and LDL <3 mmol/L.

HDL-Cholesterol	2.47	mmol/L	(---)*	(1.03 - 1.55)
LDL-Cholesterol	3.26	mmol/L		
HDL:LDL ratio	0.76			
Triglyceride	0.55	mmol/L	(*--)	(0.11 - 1.69)
Glucose	4.7	mmol/L	(*--)	(4.1 - 5.9)

HAEMATOLOGY

Haemoglobin	127	g/L	(*--)	(120 - 150)
Red blood cells	4.18	x 10^12/L	(-*-)	(3.8 - 4.8)

Reported on 13/07/2023 at 15:06 Run number 33 HECON /EM
Authorised on behalf of Consultant Pathologist
Continued ..
Haematology & Biochemistry

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Haematocrit	0.384		L/L	(*--)	(0.36 - 0.46)
MCV	91.9		fL	(-*-)	(83 - 101)
MCH	30.4		pg	(--*)	(27 - 32)
MCHC	331		g/L	(-*-)	(315 - 345)
RDW	12.2		%	(*--)	(10.9 - 15.7)
White blood cells	4.0		x 10^9/L	(*--)	(4.0 - 10.0)
Neutrophils	1.66	(41.50%)	x 10^9/L		(2.0 - 7.0)
Lymphocytes	1.70	(42.50%)	x 10^9/L		(1.0 - 3.0)
Monocytes	0.45	(11.25%)	x 10^9/L		(0.2 - 1.0)
Eosinophils	0.11	(2.75%)	x 10^9/L		(0.02 - 0.50)
Basophils	0.05	(1.25%)	x 10^9/L		(0.02 - 0.10)
Platelets	273		x 10^9/L	(-*-)	(150 - 410)

Full blood count results were tested using a Sysmex XN analyser. The tests are CE marked and have been verified for use. The laboratory has applied to UKAS for the assays to be added to its accredited repertoire

ESR	14	mm/hour

ESR results were tested using a StaRRsed analyser. The tests are CE marked and have been verified for use. The laboratory has applied to UKAS for the assays to be added to its accredited repertoire

Haemoglobin A1c (DCCT aligned) equivalent to	5.9	%
Haemoglobin A1c (IFCC)	41	mmol/mol

The NICE-recommended target range for HbA1c in patients with diabetes is 48-59 mmol/mol (equivalent to 6.5-7.5 %). Specific values for individual patients should be determined on the basis of clinical factors.

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