

Date of Birth: **26-Nov-1993 (24y)**

Report Path: Local Record

77 West Heath Road, London, NW3 7TH

NHS Number: 444 013 0747

Usual GP: CAVENDISH, M (Dr)

Values and Investigations (Latest Value)

15-Oct-2018	! IRON STUDIES			
	Serum iron level	15.3	umol/L	11.00 - 36.00umol/L
	! Serum TIBC	48.5	umol/L	53.00 - 85.00umol/L
	! Serum ferritin	345	ug/L	30.00 - 340.00ug/L
	If you require interpretive or clinical advice for haematinic investigations, please contact Special Haematology Laboratory ext 33413/33484.			
	Transferrin saturation index	31.5	%	20.00 - 40.00%
15-Oct-2018	B12 AND FOLATE SCREEN - (MC714) - Result within normal range - no further action required			
	Serum vitamin B12	685	ng/L	160.00 - 925.00ng/L
	Serum folate	5.2	ug/L	2.90 - 50.00ug/L
	Note new reference range effective 03/04/2017. If no change in dietary habits, a normal serum folate makes folate deficiency unlikely.			
15-Oct-2018	HbA1c lev - IFCC standardised	32.2	mmol/mol	20.00 - 42.00mmol/mol
	Reference Range: Diabetic control target 48-59 mmol/mol Non-Diabetic target 20-42 mmol/mol			
	----- WHO recommends an HbA1c of 48 mmol/mol as the cut off point for diagnosing diabetes. A value of less than 48 mmol/mol does not exclude diabetes diagnosed using glucose tests. (see: http://www.diabetes.org.uk/Documents/Professionals/hbA1c_diagnosis.1111.pdf)			
15-Oct-2018	25-Hydroxyvitamin D3 level - (MC714) - Result within normal range - no further action required	76	nmol/L	
	Deficient if < 25 nmol/L Insufficient if 25 - 75 nmol/L Possible Toxicity if > 250 nmol/L Note assay change to Roche Gen II from 26/2/18. Results >75 nmol/L average approx 20% lower.			
15-Oct-2018	! Thyroid function test			
	! Serum TSH level	5.36	mU/L	0.30 - 4.20mU/L
	Serum free T4 level	16.2	pmol/L	12.00 - 22.00pmol/L
15-Oct-2018	! Serum parathyroid hormone	1.3	pmol/L	1.60 - 6.90pmol/L
15-Oct-2018	! Bone profile			
	Serum calcium	2.36	mmol/L	2.10 - 2.55mmol/L
	! Serum inorganic phosphate	0.83	mmol/L	0.87 - 1.45mmol/L
	Serum adjusted calcium conc	2.36	mmol/L	2.20 - 2.60mmol/L
15-Oct-2018	! Liver function test			
	Serum total bilirubin level	5	umol/L	0.00 - 21.00umol/L
	! Serum ALT level	68	U/L	10.00 - 50.00U/L
	! AST serum level	49	U/L	0.00 - 37.00U/L
	Serum alkaline phosphatase	73	U/L	0.00 - 129.00U/L
	Serum albumin	47	g/L	35.00 - 50.00g/L
15-Oct-2018	! Renal profile			
	Serum urea level	5.3	mmol/L	2.10 - 7.10mmol/L
	Serum sodium	141	mmol/L	135.00 - 145.00mmol/L
	Serum potassium	3.9	mmol/L	3.50 - 5.10mmol/L
	 ! Serum creatinine	147	umol/L	66.00 - 112.00umol/L

 GFR calculated abbreviated MDRD 53 mL/min
 ml/min/1.73 square metre
 For Afro-Caribbean patients multiply eGFR by 1.21
 For advice on interpretation of eGFR, refer to
 NICE guidelines for CKD

15-Oct-2018 Plasma glucose level 5.3 mmol/L

15-Oct-2018 ! Full blood count - FBC

 ! Haemoglobin estimation 116 g/l 135.00 - 170.00g/l
 Total white cell count 7.01 $10^9/L$ 3.50 - 11.00 $10^9/L$
 Platelet count 168 $10^9/L$ 140.00 - 400.00 $10^9/L$
 Red blood cell (RBC) count 4.73 $10^{12}/L$ 4.30 - 5.60 $10^{12}/L$
 ! Red blood cell distribut width 16.9 % 11.00 - 16.00%
 Haematocrit 0.361 L/L 0.34 - 0.50L/L
 ! Mean corpuscular volume (MCV) 76.3 fL 79.00 - 98.00fL
 ! Mean corpusc. haemoglobin(MCH) 24.5 pg 27.00 - 33.00pg
 Mean corpusc. Hb. conc. (MCHC) 321 g/l 295.00 - 360.00g/l
 Neutrophil count 3.81 $10^9/L$ 1.70 - 7.50 $10^9/L$
 Lymphocyte count 2.56 $10^9/L$ 1.00 - 4.00 $10^9/L$
 Monocyte count 0.49 $10^9/L$ 0.20 - 1.50 $10^9/L$
 Eosinophil count 0.11 $10^9/L$ 0.00 - 0.50 $10^9/L$
 Basophil count 0.04 $10^9/L$ 0.00 - 0.10 $10^9/L$
 NRBC Percent 0 %
 NRBC Absolute 0 $10^9/L$