

Code	Normality	Result
Renal profile (44J5.)		Multiply GFR by 1.21 if Afro-Caribbean race.
Serum sodium level (XE2q0)		143 mmol/L [132 - 146]
Serum potassium level (XE2pz)		4.3 mmol/L [3.5 - 5]
Serum urea level (XM0lt)		4.4 mmol/L [2.5 - 6.7]
Serum creatinine level (XE2q5)		71 umol/L [45 - 84]
GFR calculated abbreviated MDRD (XaK8y)		69 mL/min/1.73m <sup>2</sup>
Acute kidney injury warning stage (XabmE)		NA
Code	Normality	Result
Thyroid function test (X77Wg)		
Serum free T4 level (XaERr)		13 pmol/L [10 - 22]
Serum TSH level (XaELV)		0.83 mIU/L [0.3 - 5.5]
Code	Normality	Result
Haemoglobin A1c level - IFCC standardised (XaPbt)		39 mmol/mol IFCC non-diabetic normal range 25 - 44 mmol HbA1c/mol HbA These results will not be accurate if the patient has received a blood transfusion in the last three months.
Code	Normality	Result
Bone profile (44Z2.)		New adjusted calcium method and reference range from 09/10/17.
Serum alkaline phosphatase level (XE2px)		138 iu/L [30 - 150]
Serum albumin level (XE2eA)		42 g/L [35 - 48]
Serum calcium level (XE2q3)		2.24 mmol/L [2.2 - 2.6]
Serum adjusted calcium concentration (Xabpk)		2.27 mmol/L [2.2 - 2.6] Calcium corrected for Albumin
Code	Normality	Result
Liver function tests (X77WP)		
Serum alanine aminotransferase level (XaLjx)		24 iu/L [0 - 35]
Serum total bilirubin level (XaERu)		< 15 umol/L [0 - 17]
Serum lipid levels (XE2q7)		Non fasting specimen Treatment target is 40% reduction in Non HDLC.
Serum cholesterol level (XE2eD)		5.2 mmol/L
Serum triglyceride levels (XE2q9)		0.7 mmol/L [0.5 - 2.3]
Serum HDL cholesterol level (44P5.)		2.42 mmol/L
Serum LDL cholesterol level (44P6.)		2.5 mmol/L
Serum cholesterol/HDL ratio (XaEUq)		2.1 mmol/mmol
Code	Normality	Result
Full blood count (424..)		
Total white blood count (XaldY)	Below range	3.6 10 <sup>9</sup> /L [4 - 10] Below low reference limit
Red blood cell count (426..)		4.57 10 <sup>12</sup> /L [3.8 - 4.8]
Haemoglobin concentration (Xa96v)		14.4 g/dL [12 - 15]
Haematocrit (X756b)		0.43 [0.36 - 0.46]
Mean cell volume (42A..)		94 fL [83 - 101]
Mean cell haemoglobin level (XE2pb)		31.5 pg [27 - 32]
Mean cell haemoglobin concentration (429..)		33.6 g/dL [31.5 - 34.5]

Platelet count - observation (42P..)		220 10 <sup>9</sup> /L [150 - 410]
Neutrophil count (42J..)		2.2 10 <sup>9</sup> /L [2 - 7]
Lymphocyte count (42M..)	Below range	0.8 10 <sup>9</sup> /L [1 - 3]
Monocyte count - observation (42N..)		Below low reference limit 0.3 10 <sup>9</sup> /L [0.2 - 1]
Eosinophil count - observation (42K..)		0.2 10 <sup>9</sup> /L [0 - 0.5]
Basophil count (42L..)		0 10 <sup>9</sup> /L [0 - 0.1]
Code	Normality	Result
Serum vitamin B12 level (XE2pf)		303 ng/L [211 - 900]
Serum folate level (42U5.)		5.6 ng/ml [4 - 20]
Serum ferritin level (XE24r)		69 ng/ml [15 - 400]