

Test results:

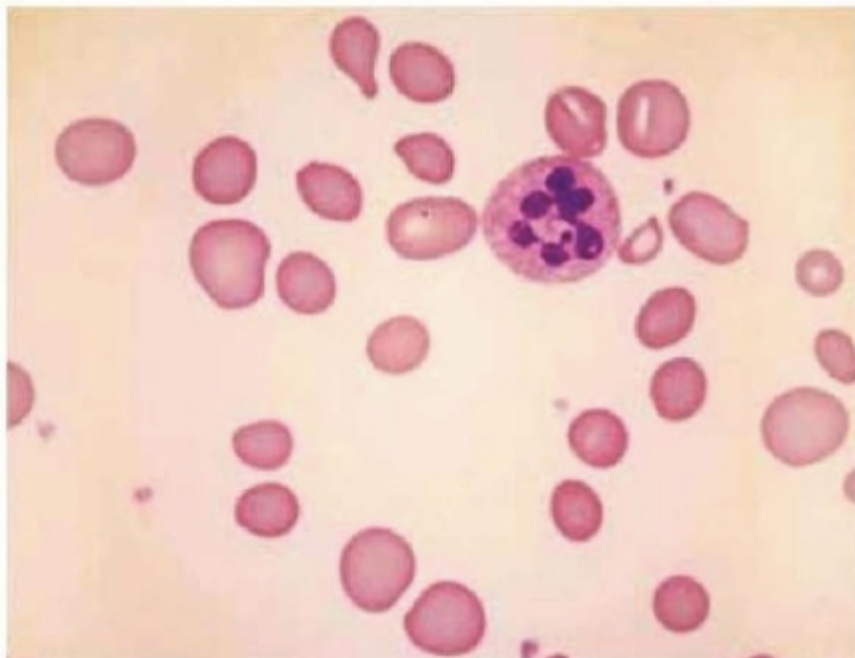
Full blood count: macrocytic anaemia

Full Blood Count	Result	Normal range
Hb	89 g/L	120 - 180 g/L
MCV	125 fL	80-100 fL
MCH	31.5 pg	27 - 32 pg
MCHC	335.0 g/L	320.0 - 360.0 g/L
Platelet count	332.0 $10^9/L$	150.0-400.0 $10^9/L$
Neutrophil count	3.2 $10^9/L$	2.0 - 7.5 $10^9/L$
Lymphocyte count	2.3 $10^9/L$	1.5 - 4.0 $10^9/L$
Monocyte count	0.5 $10^9/L$	0.2 - 0.8 $10^9/L$
Eosinophil count	0.15 $10^9/L$	0.0 - 0.4 $10^9/L$
Basophil count	0.1 $10^9/L$	0.0 - 0.1 $10^9/L$

Iron Study: within normal range

Iron Studies	Result	Normal range
Serum iron	11 $\mu\text{mol/L}$	11-30 $\mu\text{mol/L}$
Ferritin	180 $\mu\text{g/L}$	15-200 $\mu\text{g/L}$
Transferrin	22 $\mu\text{mol/L}$	20-45 $\mu\text{mol/L}$
transferrin saturation	20%	15-55%

Blood film - macrocytes with hypersegmented neutrophil indicating macrocytic anaemia.



Thyroid results: Normal

Thyroid testing	Result	Normal range
TSH	2.5 mU/L	0.40 - 4.00 mU/L
T3, Free	4.4 pmol/L	2.8 - 6.8 pmol/L
T4, Free	15 pmol/L	10 - 20 pmol/L

EUC and Urinalysis: Normal

Urea and electrolyte	Result	Normal range
Sodium (Na)	139 mmol/L	138-144 mmol/L
Potassium (K)	3.9 mmol/L	3.1 - 4.1 mmol/L
Chloride (Cl)	101 mmol/L	101-107 mmol/L
Bicarbonate	25 mmol/L	22 - 29 mmol/L
Urea	2.7 mmol/L	2.6 - 6.5 mmol/L
Creatinine	79 umol/L	68 - 126 umol/L
eGFR	Result	Normal range
GFR	> 92 ml/min	>90ml/min
Dipstick Urinalysis	Result	Normal range
Protein	nil	nil
Blood	nil	nil
B-Hcg	neg	-

Glucose and HbA1c: Normal

Glucose/HbA1c	Result	Normal range
Plasma Glucose level	5.6 mmol/L	3.0 - 7.8 mmol/L
HbA1c	4.30%	4.0 - 6.0 %