

Blood Test Result

BMH5+ Test Results from 26 April 2023 - County Pathology

Jeff Bannister

Patient ID: BMH-17164-ID
Date of Birth: 12 Jan 1972
Gender: M

County Pathology

Sample Dated: 26 Apr 2023 08:10:00
Sample Received: 27 Apr 2023 10:51:55
Result Report: 29 Apr 2023 10:11:19

Your results contain abnormal flags.
If you are a BMH Patient then your BMH Doctor will be reviewing your results and you can also discuss them with your Medical Case Manager. If you are not a BMH patient and are concerned by your results please contact your GP.

Test	Result	Normal range	Units	Abnormal flag
BIOCHEMISTRY				
ALANINE TRANSFERASE	74	<50	U/L	Above high normal
ALBUMIN	42.5	35 - 50	g/L	
ALKALINE PHOSPHATASE	80	30 - 130	IU/L	
CALCIUM	2.55	2.15 - 2.5	mmol/L	Above high normal
CHOL:HDL RATIO	2.30	<4.0	ratio	
CHOLESTEROL	4.14	0 - 5.0	mmol/L	
CK	513	39 - 308	U/L	Above high normal
CORRECTED CALCIUM	2.50	2.15 - 2.5	mmol/L	
CREATININE	128	59 - 104	umol/L	Above high normal
CRP	1.70	<5.0	mg/L	
EGFR(MDRD)(CAUCASIAN ONLY)	54		ml/min/1.73m ²	Below low normal
>60 unless evidence of CKD				
FERRITIN	72.7	30 - 400	ug/L	
GAMMA GT (GGT)	32	8 - 61	U/L	
GLOBULIN	30.1	19 - 35	g/L	
HDL CHOLESTEROL	1.80	>1.1	mmol/L	
HDL CHOLESTEROL RATIO	43.5	>20	%	
IRON	40.1	5.8 - 34.5	umol/L	Above high normal
LDL CHOLESTEROL	1.94	<3.0	mmol/L	
NON-HDL CHOLESTEROL	2.34	<4	mmol/L	
SERUM FOLATE	69.60	8.83 - 60.8	nmol/L	Above high normal
SODIUM	140	133 - 146	mmol/L	
TIBC	57.6	45 - 81	umol/L	
TOTAL BILIRUBIN	20.8	<24	umol/L	
TOTAL PROTEIN	72.6	60 - 80	g/L	

Test	Result	Normal range	Units	Abnormal flag
TRANSFERRIN SATURATION	69.6	20 - 50	%	Above high normal
TRIGLYCERIDES	0.89	<1.7(Fasting)	mmol/L	
UIBC	17.5	22.3 - 61.7	umol/L	Below low normal
UREA	7.4	2.5 - 7.8	mmol/L	
URIC ACID	235	200 - 430	umol/L	
VITAMIN B12	548	145 - 569	pmol/L	
VITAMIN D (25 OH)	84		nmol/L	
Optimal 75-200, Adequate 50-<75, Insufficient 25 -<50, Deficient <25				
ENDOCRINOLOGY				
ANTI-THYROGLOBULIN ABS	12	<115	IU/mL	
ANTI-THYROIDPEROXIDASE ABS	47	<34	IU/mL	Above high normal
CORTISOL	428.0	166 - 507	nmol/L	
D.H.E.A. SULPHATE	3.35	1.2 - 8.98	umol/L	
FREE T3	5.04	3.1 - 6.8	pmol/L	
FREE T4	18.5	12.0 - 22.0	pmol/L	
FREE-TESTOSTERONE(CALCULATED)	2.284	0.16 - 0.47	nmol/L	Above high normal
FSH	<0.3	1.5 - 12.4	IU/L	Below low normal
Follicular 3.5-12.5, Ovulation 4.7-21.5, Luteal 1.7-7.7, Postmenopause 25.8-134.8				
LUTEINISING HORMONE	0.5	1.7 - 8.6	IU/L	Below low normal
Follicular 2.4-12.6, Ovulation 14.0-95.6, Luteal 1.0-11.4, Postmenopause 7.7-58.5				
OESTRADIOL	349	41 - 159	pmol/L	Above high normal
Follicular 45.4 - 854, Ovulation 151 - 1461, Luteal 82 - 1251, Postmenopause <100				
PROGESTERONE	0.3	<0.474	nmol/L	
Follicular 0.181 - 2.84, Perioovulatory 0.385 - 38.1, Luteal 5.82 - 75.9, Postmenopause <0.401				
PROLACTIN	351	86 - 324	mU/L	Above high normal
SEX HORMONE BINDING GLOB	48	20.6 - 76.7	nmol/L	
TESTOSTERONE	86.60	6.68 - 25.7	nmol/L	Above high normal
THYROID STIMULATING HORMONE	1.60	0.27 - 4.20	mU/L	
HAEMATOLOGY				
BASOPHILS	0.05	0 - 0.1	x10 ⁹ /L	
EOSINOPHILS	0.10	0 - 0.4	x10 ⁹ /L	
FILM REPORT	RBCs raised in count, WBCs and Platelets normal.			
HAEMATOCRIT	0.563	0.380 - 0.500	L/L	Above high normal
HAEMOGLOBIN	180	130 - 170	g/L	Above high normal

Test	Result	Normal range	Units	Abnormal flag
LYMPHOCYTES	2.05	1.2 - 3.65	x10 ⁹ /L	
MCHC	320	300 - 350	g/L	
MEAN CELL HAEMOGLOBIN	29.3	27.0 - 33.0	pg	
MEAN CELL VOLUME	91.7	81 - 98	fl	
MONOCYTES	0.51	0.2 - 1.0	x10 ⁹ /L	
MPV	12.00	7 - 13	fl	
NEUTROPHILS**	3.24	2.0 - 7.5	x10 ⁹ /L	
PLATELETS	259	150 - 400	x10 ⁹ /L	
RED BLOOD CELLS	6.14	4.40 - 5.80	x10 ¹² /L	Above high normal
RED CELL DISTRIBUTION	14.1	11.5 - 14.4	%	
WHITE BLOOD CELLS	6.0	3.0 - 10.0	x10 ⁹ /L	
HBA1C				
HBA1C (MMOL/MOL)	48		mmol/mol	Above high normal
20 - <42 Non-diabetic, 42 - <48 Prediabetes, >= 48 Diabetes, 48 - 59 Good control				
TUMOUR MARKERS				
PSA - NON SYMPTOMATIC	1.210	<3	ng/mL	

