

## The Health Equation EQ2 Blood Results Example

**Collected:** 07/02/2019 00:00    **Received:** 07/02/2019 13:51  
 THE HEALTH EQUATION                    **Hospital No.:**  
 4TH FLOOR NORTH                        **Reference:** 21148  
 25 WIMPOLE STREET  
 LONDON                                      **Report Date:** 07 February 2019 14:54:36  
 W1G 8GL

### HAEMATOLOGY

HAEMOGLOBIN (g/L)	147	g/L	130 - 170
HCT	0.440		0.37 - 0.50
RED CELL COUNT	5.33	x10 <sup>12</sup> /L	4.40 - 5.80
MCV	82.6	fL	80 - 99
MCH	27.6	pg	26.0 - 33.5
MCHC (g/L)	334	g/L	300 - 350
RDW	14.6		11.5 - 15.0
PLATELET COUNT	227	x10 <sup>9</sup> /L	150 - 400
MPV	11.0	fL	7 - 13
WHITE CELL COUNT	5.38	x10 <sup>9</sup> /L	3.0 - 10.0
Neutrophils	63.7% 3.43	x10 <sup>9</sup> /L	2.0 - 7.5
Lymphocytes	23.8% 1.28	x10 <sup>9</sup> /L	1.2 - 3.65
Monocytes	9.5% 0.51	x10 <sup>9</sup> /L	0.2 - 1.0
Eosinophils	2.8% 0.15	x10 <sup>9</sup> /L	0.0 - 0.4
Basophils	0.2% 0.01	x10 <sup>9</sup> /L	0.0 - 0.1
ESR	2	mm/hr	1 - 20

Note ref range raised in patients over 40

### BIOCHEMISTRY

SODIUM	141	mmol/L	135 - 145
POTASSIUM	4.9	mmol/L	3.5 - 5.1
CHLORIDE	101	mmol/L	98 - 107
<b>BICARBONATE</b>	<b>* 33</b>	<b>mmol/L</b>	<b>22 - 29</b>
UREA	4.0	mmol/L	1.7 - 8.3
CREATININE	81	umol/L	66 - 112
estimated GFR	>90	.	.

For UK guidelines:

[www.renal.org/information-resources](http://www.renal.org/information-resources)

BILIRUBIN	15	umol/L	0 - 20
ALKALINE PHOSPHATASE	66	IU/L	40 - 129
ASPARTATE TRANSFERASE	28	IU/L	0 - 37
ALANINE TRANSFERASE	30	IU/L	10 - 50
LDH	201	IU/L	135 - 225
CK	170	IU/L	38 - 204
GAMMA GT	65	IU/L	10 - 71
TOTAL PROTEIN	71	g/L	63 - 83
ALBUMIN	46	g/L	34 - 50
GLOBULIN	25	g/L	19 - 35
CALCIUM	2.34	mmol/L	2.20 - 2.60
Corrected Calcium	2.33	mmol/L	2.20 - 2.60
PHOSPHATE	1.00	mmol/L	0.87 - 1.45
<b>URIC ACID</b>	<b>* 237</b>	<b>umol/L</b>	<b>266 - 474</b>
RANDOM BLOOD GLUCOSE (FL)	4.6	mmol/L	3.5 - 7.9
TRIGLYCERIDES	0.8	mmol/L	< 2.3
CHOLESTEROL	4.3	mmol/L	Optimum <5.0
<b>HDL CHOLESTEROL</b>	<b>* 1.6</b>	<b>mmol/L</b>	<b>0.9 - 1.5</b>
HDL % of total	37	%	20 and over
LDL CHOLESTEROL	2.3	mmol/L	Up to 3.0
Non-HDL Cholesterol	2.7	mmol/L	< 3.9
IRON	20.3	umol/L	10.6 - 28.3
T.I.B.C	53	umol/L	41 - 77

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TRANSFERRIN SATURATION	38	%	20 - 55
C Reactive protein	1.0	mg/L	<5.0