

Patient Name: ZOE HOLDER

DOB: 31/05/1975

Age: 49

Gender: F

Address:
Hospital Number:
NHS Number:
Specimen Type: Blood

Specimen Site:
Location: SLAM - Maudsley Hospital (Southwark)

SWLP Ref: 24B61002098

Your Ref: N

Date Collected:
12/09/2024

Date Received:
13/09/2024 01:09

Date Authorised:
13/09/2024 19:18:00

Date Printed:
13/09/2024

BHI RESULTS

Order/Test	Result	Ref Range	Approved By
AST			BS Authorisation Account 03
AST	26 U/L	13 - 40	
B12			BS Authorisation Account 04
Vitamin B12	1320 ng/L	180 - 999	
BONE PROFILE			BS Authorisation Account 01
Adjusted Calcium	2.43 mmol/L	2.2 - 2.6	
Calcium	2.47 mmol/L	2.2 - 2.6	
Phosphate	0.89 mmol/L	0.8 - 1.5	
FERRITIN			BS Authorisation Account 04
Ferritin	33 ug/L	13 - 150	
SERUM FOLATE			BS Authorisation Account 04
Folate serum	4.8 ug/L	3.89 - 26.8	
GAMMA GT			BS Authorisation Account 01
Gamma-glutamyl transferase activity	32 U/L	0 - 38	
LIVER FUNCTION TEST			BS Authorisation Account 01
Albumin	42 g/L	35 - 50	
ALP	126 U/L	30 - 130	

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 Please refer to the UKAS website for details of the current scope of accreditation to ISO15189.
<https://www.ukas.com/download-schedule/9085/Medical/>

Phone number: 020 8725 0025
 Website: <https://www.swlpath.nhs.uk>

ALT	34 U/L	0 - 40	
Bilirubin	5 umol/L	0 - 21	
LIPID PROFILE			BS Authorisation Account 01
Cholesterol:HDL Ratio	5.2	0 - 5	
Cholesterol	5.3 mmol/L	3.3 - 5.2	
High density lipoprotein (HDL) cholesterol	1.02 mmol/L	1.1 - 2.6	
LDL Cholesterol	3.40 mmol/L Full risk factor assessment required. Note LDL now being calculated by Sampson equation, effective 03/06/2024. This allows reporting of LDL at higher levels of triglycerides than previous calculation.		
Non HDL Cholesterol	4.28 mmol/L		
Triglycerides	2.14 mmol/L Triglyceride reference range only applicable in fasting samples	<1.7	
MAGNESIUM			BS Authorisation Account 01
Magnesium	0.85 mmol/L	0.7 - 1.0	
PROLACTIN			BS Authorisation Account 04
Prolactin	1669 mIU/L	102 - 496	
THYROID FUNCTION			BS Authorisation Account 04
Free thyroxine (T4)	18.1 pmol/L	10.8 - 25.5	
Thyroid stimulating hormone	0.89 mIU/L	0.27 - 4.2	
TOTAL PROTEIN			BS Authorisation Account 01
Total Protein	72 g/L	60 - 80	
UREA, CREAT + ELECTROLYTES			BS Authorisation Account 01
Creatinine (Enzymatic)	65 umol/L Insufficient historical creatinine data to assess AKI risk	44 - 80	

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eGFR result (EPI)	>90 Please note: eGFR should no longer be corrected for ethnicity, as per NICE guidelines (NG203) 2021. The eGFR calculation assumes a stable creatinine level. It is not valid if the creatinine levels are changing, or in certain patient groups, such as the malnourished, amputees and pregnant women. This eGFR is consistent with category G1 - Normal eGFR mL/min/1.73m ²	>90
Potassium	5.0 mmol/L	3.5 - 5.3
Sodium	135 mmol/L	133 - 146
Urea	3.3 mmol/L	2.5 - 7.8

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SWLP Ref: 24B61002099

Your Ref: N

Date Collected:
12/09/2024

Date Received:
13/09/2024 01:09

Date Authorised:
13/09/2024 04:15:00

Date Printed:
13/09/2024

BHI RESULTS

Order/Test	Result	Ref Range	Approved By
FULL BLOOD COUNT			BS Authorisation Account 03
Basophils	0.1 0.6% 10 ⁹ /L	0 - 0.3	
Eosinophils	0.1 1.6% 10 ⁹ /L	0.1 - 0.4	
Haemoglobin	131 g/L	115 - 165	
Haematocrit	0.407 L/L	0.37 - 0.47	
Lymphocytes	3.6 40.0% 10 ⁹ /L	1.1 - 4.0	
MCH	27.1 pg	27 - 34	
MCHC	322 g/L	310 - 360	
MCV	84.4 fL	78 - 97	
Monocytes	0.6 7.1% 10 ⁹ /L	0.2 - 1.1	
MPV	9.4 fL		
Neutrophils	4.6 50.7% 10 ⁹ /L	1.5 - 8.0	
Platelets	311 10 ⁹ /L	150 - 450	
RBC	4.82 10 ¹² /L	3.8 - 5.8	
RDW	14.4 %	11.5 - 15	
White Cell Count	9.0 10 ⁹ /L	4 - 11	

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NHS Number:
Specimen Type: Blood

Specimen Site:
Location: SLAM - Maudsley Hospital (Southwark)

SWLP Ref: 24B61002100

Your Ref: N

Date Collected:
12/09/2024

Date Received:
13/09/2024 01:09

Date Authorised:
13/09/2024 11:11:00

Date Printed:
13/09/2024

BHI RESULTS

Order/Test	Result	Ref Range	Approved By
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HAEMOGLOBIN A1C

 BS
 Authorisation
 Account 01

Haemoglobin A1c (IFCC)

110.0 mmol/mol
HbA1c for monitoring established diabetes (NICE 2017)
48 - 58 mmol/mol
Interpret in relation to individualised target.
HbA1c for diagnosis of type II diabetes (WHO 2011)
NICE 2017)
20 - 41 mmol/mol Normal
42 - 47 mmol/mol Pre diabetes
> 47 mmol/mol Diagnostic of diabetes
For diagnosis of type II diabetes in asymptomatic patients two results > 47 mmol/mol are required.
If second sample is < 48 mmol/mol they should be
treated as high risk for diabetes. (Pre diabetes)

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