

For Doctor

Other Doctors

MDS-LANCET LABORATORIES-EMAIL
 27 MASERU STREET
 EAST LEGON
 ACCRA

Patient : MARGARETTE ABUGA
 Doctors Ref: NOT AVAILABLE
 Age/Sex/DOB: 58 / F / 19590602
 Id Num : MA0244379750

Guarantor : MRS M ABUGA
 MedAid : CASH N
 Tel : 0244379750
 (W) NOT AVAILABLE

Lab Ref : 706198573
 MRI No. : GH01265776
 Spec # : 0114:BR00022L

Collection Date : 14/01/18 1031
 Received Date : 14/01/18 1049
 FINAL Report Date : 15/01/18 1352

Requested : .. U/E+CR, LIPID PROFILE, WIDAL, : U-MICRO/CHEM, U CULT
 BIOCHEMISTRY

Test	Result	Reference
> S-SODIUM	135 mmol/L	L 136 - 145
> S-POTASSIUM	4.2 mmol/L	3.5 - 5.1
> S-CHLORIDE	98 mmol/L	98 - 107
> TOTAL CO2 (bicarbonate),	32 mmol/L	H 22 - 29
> S-UREA	5.5 mmol/L	2.1 - 7.1
> S-CREATININE	89 umol/L	H 44 - 80
> eGFR- (CKD-EPI)	62 mL/min	

May be consistent with normal kidney function or early renal disease.

In high risk patients (eg diabetic and hypertensive patients), urine examination for micro-albumin and abnormal cells may be necessary to exclude kidney damage.
 Re-test annually.

Note: eGFR values as low as 60 mL/min may be normal in persons > 57 yrs old.

NB: KDIGO 2012 Guidelines recommend Urine Albumin measurement as part of CKD Classification using eGFR.

NB: eGFR = mL/min/1.73m²

> S-CHOLESTEROL	5.6 mmol/L	H	< 5.2
> S-LDL CHOLESTEROL	3.0 mmol/L		< 3.0
> S-HDL CHOLESTEROL	1.6 mmol/L		> 1.68
> S-NON HDL CHOLESTEROL	4.0 mmol/L	H	< 3.8

Non-HDL cholesterol is a secondary target for lipid lowering therapy in patients with fasting serum triglycerides > 2.26 mmol/L after achieving the LDL-cholesterol target, however

** Continued on Next Page **

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Lab Ref : Page : 2
706198573 / 14/01/18 1031

BIOCHEMISTRY

Test	Result	Reference
triglyceride levels greater than 5.7 mmol/L should be treated first to prevent pancreatitis.		
The target for non-HDL cholesterol in persons with elevated fasting triglycerides is 0.8 mmol/L HIGHER than their LDL cholesterol target.		

> S-CHOL./HDL RATIO	3.5	< 4.1
> S-TRIGLYCERIDE	2.15 mmol/L	< 1.70
> COMMENT		

TREATMENT TARGETS FOR EACH RISK GROUP AS DEFINED BY FRAMINGHAM RISK SCORING SYSTEM(FRS)

:	:	TOTAL	:	LDL-C	:	Non HDL-C	:	ApoB	
:	RISK (FRS)	:	CHOLESTEROL	:	mmol/L	:	mmol/L	:	g/L
: (mmol/L)								
:	** Very	:	:	:	:	:	:	:	
:	High	:	< 4.0	:	< 1.8	:	< 2.6	:	< 0.8
:								
:	High	:	< 4.5	:	< 2.5	:	< 3.3	:	< 1.0
:								
:	Moderate/	:	< 5.0	:	< 3.0	:	< 3.8	:	_____
:	Low	:						

** Very high risk subjects are:

- 1) Established atherosclerotic disease,
- 2) Type 2 DM
- 3) Type 1 DM with micro-albuminuria and proteinuria
- 4) Genetic Dyslipidaemia
- 5) Chronic Kidney Disease

Reference: South African Dyslipidaemia Guidelines 2012.

For consultation by referring doctors only, please call:

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MEDICAL LABORATORY REPORT

For Doctor

Other Doctors

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27 MASERU STREET

EAST LEGON

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Lab Ref : 706198573
MRI No. : GH01265776
Spec # : 0114:IR00005L

Collection Date : 14/01/18 1031
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Requested : ., U/E+CR, LIPID PROFILE, WIDAL, : U-MICRO/CHEM, U CULT
IMMUNOLOGY

> S.TYPHI 'H' POSITIVE 1:160
> S.TYPHI 'O' NEGATIVE
> COMMENT

Titres of 1:40, or less, are not significant.

Testing of a single serum sample does not provide a reliable diagnosis of *S. typhi* infection, even if the titre is high (> 1:80). A four-fold rise in titre between paired sera taken 10-14 days apart may be suggestive of recent/active *S. typhi* infection. Definitive diagnosis, however, requires isolation of the organism from blood, stool and/or urine culture.

Causes of false-positive results include infection with malaria or dengue virus, immunisation against typhoid, repeated prior exposure to *S. typhi*, prior/current infection with non-typhoid salmonellas, non-salmonella bacteraemia, rheumatoid arthritis and ulcerative colitis.

False-negative results can occur in the typhoid carrier state, recent antibiotic treatment of typhoid, infection in sites like the synovial cavity, and infection with a low inoculum of *S. typhi* that is insufficient to stimulate a host immune response.

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MEDICAL LABORATORY REPORT

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MRI No. : GH01265776
Spec # : 18:MU0001936L

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Tests : .. U/E+CR, LIPID PROFILE, WIDAL, : U-MICRO/CHEM, U CULT
MICROBIOLOGY

Source URINE

Description MIDSTREAM

Procedure

Result

> MACROSCOPY

COLOUR
CLARITY

Straw
Clear

> CHEMISTRY

PROTEIN
GLUCOSE
KETONES
BLOOD/HAEMOGLOBIN
LEUCOCYTE ESTERASE
NITRITE
UROBILINOGEN
BILIRUBIN
pH
SPECIFIC GRAVITY

Not detected
Not detected
Not detected
+
Not detected
Negative
Not detected
Not detected
6.0
1.015

> MICROSCOPY

LEUCOCYTES
ERYTHROCYTES
CASTS
SQUAMOUS EPITHELIUM
BACTERIA
YEASTS/HYPHAE
CRYSTALS

<5 /uL
5 /uL
Not observed
+
Not observed
NOT OBSERVED
Not observed

> VIABLE COUNT

No growth

MEDICAL LABORATORY REPORT

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706198573 / 14/01/18 1031

MICROBIOLOGY

Source URINE

Description MIDSTREAM

Procedure

Result

> ROUTINE CULTURE (URINE)

No growth

> ANTIMICROBIAL SUBSTANCES

PRESENT

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