

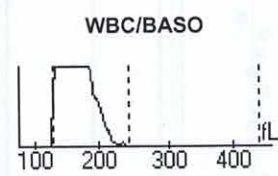
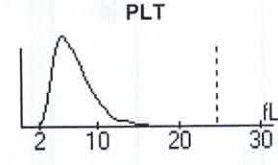
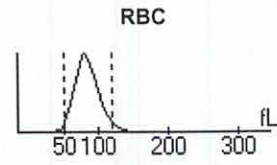
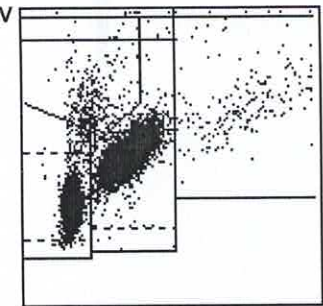
Sample ID 149379 **Run Date/Time** 24/02/2021 19:06:00 **Collect Date/Time**
Cass. Pos. **Flagging Set** Standard Range **Panel** CBC/DIFF **Rerun** No
Location **Physician** **Operator** Supervisor
Sample Comment
Patient ID
Last Name **Date of Birth** **Age** **Gender** Unknown
First Name
Patient Comment

		Range
WBC	11.4H	4.0 / 11.0
RBC	3.38L	4.00 / 6.20
HGB	9.5L	11.0 / 18.8
HCT	0.286L	0.350 / 0.550
MCV	85	80 / 100
MCH	28.2	26.0 / 34.0
MCHC	33.3	31.0 / 35.0
RDW	13.6	10.0 / 20.0
PLT	411H	150 / 400
MPV	7.3	6.0 / 10.0

		Range
NE	62.5R	50.0 / 80.0
LY	29.9R	25.0 / 50.0
MO	4.2R	2.0 / 10.0
EO	2.9R	0.0 / 5.0
BA	0.5	0.0 / 2.0
NE#	7.09R	2.00 / 8.00
LY#	3.39R	1.00 / 5.00
MO#	0.48R	0.10 / 1.00
EO#	0.33R	0.00 / 0.40
BA#	0.06	0.00 / 0.20

Flags and Messages
 DiffPlot and Histogram Flags
 SL
 Interpretive Messages
 NRBCs

Result Comment



Microscopic Examination

Neutrophils	_____	Metamyelocytes	_____	Anisocytosis	_____	Retics	_____
Bands	_____	Myelocytes	_____	Hypochromia	_____	Sed. Rate	_____
Lymphocytes	_____	Promyelocytes	_____	Polychromasia	_____		
Monocyte	_____	Blast	_____	Poikilocytosis	_____		
Eosinophils	_____	Atyp. Lymph	_____	Microcytosis	_____		
Basophils	_____	NRBCs	_____	Macrocytosis	_____		

Comments _____ **Requested by** _____
 _____ **Reviewed by** _____

Raw Data	WBC1	8117	WBC2	8125	LY#	2065	SL	64	FNL	25	WBC	8179
	RBC1	19041	RBC2	19182	MO#	290	ATL	68	FMN	16	RA#	7052
	HCT1	1428196	HCT2	1428884	NE#	4321	UM	4	FNE	10	DIFF#	6876
	PLT1	15834	PLT2	15880	EO#	200	LN	10	UN	6	CO%	97.9
	HGBB	3657	HGBM	2317	DB	3	C127	17	IMM	27		

Out of Action Range **XXX** Out of Patient Range **XX.X**

RAW DATA REPORT FOR INVESTIGATIONAL USE ONLY

Print Time [02/24/2021 20:03]
 Index 02/24/2021 17:02
 S.No. 0010

Patient Report
 Proteus Laboratory

Device No. 2121907
 Page. 6

Age Month Serum
 S.ID 149379

CRP	22.1	0.0	4.9	mg/L	H	2371	1653	2371	1677
Na	134.9	135.0	148.0	mmol/L	L				
K	5.22	3.50	5.00	mmol/L	H				
Cl	102.4	98.0	108.0	mmol/L					
CO2	23.2	13.0	27.0	mmol/L		2596	1234		
BUN	8.54	2.50	6.40	mmol/L	H	2592	7740	2592	8041
CHOL	3.68	3.00	5.20	mmol/L		2557	5546		
TRIG	1.66	0.30	2.00	mmol/L		2567	2897	2567	7954
HDL	0.89	0.90	1.70	mmol/L	L	2443	6448	2443	6687
LDL	2.63	1.60	3.40	mmol/L		2497	3190	2497	3074
LTP	N								
ICT	N								
HEM	N								
CK	56.1	21.0	260.0	U/L		2654	C281	2654	C373
CRE-E	123.5	-999999.9	999999.9	umol/L		2484	0107	2484	0123
AG	15	8	20	mmol/L					

Filter: All Patient Samples Loaded Between... - Sorted by Comp. Time

<u>Patient ID</u>	<u>Sample ID</u>	<u>Rack</u>	<u>Test Name</u>	<u>Result</u>	<u>Comp. Time</u>	<u>Flags</u>	<u>RLU</u>
	149379	2518	TSH3	2.887 uIU/mL	24.02.21 23:48		3934180



Technologist _____

Laboratory Report

Final



Requisition: 149379
Sample taken: 2021/02/24 15:00
Time received: 2021/02/24 19:02
Final report: 2021/02/25 13:47
Cons. Ref. no.: 29081

Main Laboratory
 18069 Ngungunyane str
 Kwa-Thema 1575
 Tel (011)737 2518
 Tel (011)737 1064
 Accounts: Tel (011)737 1045
 Fax 086 604 3815

Requested: MARULE, D. Dr	Fax: (011) 424-0275
Patient: MOTALA, FRANCINA Mrs	Bill To: MOTALA, L Mr
ID: 5501270322086 Age: 66Y Gender: F	ID: 5804155932080
Date of birth: 1955/01/27	Medical Aid: POLMED
Address: 61077 MKHATSHWA STREET DAVEYTON 1520	Patient Ref. no.: 105729
Tel: (M) (076) 231-6993	

Requested: FBCPLT, ESR, CRP, UEC, SCRT, LIPO, HBA1C, CK, CKMB, Troponin T, TSH, F-T4

Results:

Tests	Results	H/L	Reference ranges	
FULL BLOOD COUNT				
Leucocyte Count	11.4		4 - 12	K/uL
Erythrocyte Count	3.38	L	3.8 - 5.5	x10 ¹² /L
Haemoglobin	9.5	L	12 - 16	g/dL
Haematocrit	0.29	L	0.35 - 0.49	L/L
MCV	85		78 - 100	fl
MCH	28.2		27 - 35	pg
MCHC	33.3		32 - 36	g/dL
RDW	14		10 - 18	
Platelet Count	411	H	140 - 400	x10 ⁹ /L
Neutrophils	7.09		2 - 7.5	x10 ⁹ /L
Neutrophils %	62.5		50 - 80	%
Lymphocytes	3.39		1 - 4	x10 ⁹ /L
Lymphocytes %	29.9		25 - 50	%
Monocytes	0.48		0.2 - 1	x10 ⁹ /L
Monocytes%	4.2		2 - 10	%
Eosinophils	0.33		0 - 0.5	x10 ⁹ /L
Eosinophils%	2.9		0 - 5	%
Basophils	0.06		0 - 0.3	x10 ⁹ /L
Basophils%	0.5		0 - 2	%
ESR	69	H	1 - 20	mm
BIOCHEMISTRY				
CRP Quantitative	22.1	H	0 - 6	mg/L
Hb A1c (Glycosylated)	8.79	H	4 - 6	%
HBA1C (IFCC)	73	H	20 - 42	mmol/mol
Estimated Average Glucose	11.39			mmol/l
UREA & ELECTROLYTES				
Appearance	Normal			
Potassium	5.2	H	3.5 - 5.1	mmol/l

Tests	Results	H/L	Reference ranges
UREA & ELECTROLYTES			
Sodium	135		135 - 150 mmol/l
Chloride	102		98 - 107 mmol/l
Carbon dioxide	23		21 - 29 mmol/l
Urea	8.5	H	2.1 - 7.1 mmol/l
Anion Gap	9		8 - 16 mmol/l
S-Creatinine	124	H	50 - 110 umol/l
GFR	46		ml/min/1.73 m ²
CARDIAC PROFILE			
Creatine Kinase (CK)	56		26 - 192 U/L
CKMB	1.4		0 - 7.6 ng/ml
Troponin T	<0.05		0 - 0.4 ng/ml
ENDOCRINOLOGY			
Thyroid Stimulating Hormone	2.89		0.49 - 4.7 mIU/l
Free T4	12.22		8 - 23.8 pmol/l
LIPID PROFILE			
S-Cholesterol	3.7		2.5 - 5 mmol/l
S-HDL Cholesterol	0.89	L	1.2 - 1.9 mmol/l
S-LDL Cholesterol	2.6		1.2 - 3 mmol/l
S-Triglycerides	1.66	H	0 - 1.5 mmol/l

Requisition Audit Report

Patient: MOTALA, FRANCINA Mrs
Sex: F **Age:** 66Y **ID:** 5501270322086

Requisition ID: 149379
Sample Taken: 2021/02/24 15:00
Sample Collected By:
Time Received: 2021/02/24 19:02
Sample Received By: SW Mkholo
Sample Registered: 2021/02/24 18:43
Finalised: 2021/02/25 13:47
Status: Final

Requisition History:

Field	Date	User	Old Value	New Value
Req	2021/02/24 18:43	SW Mkholo	Empty	149379
Admin Is Complete	2021/02/25 14:17	M Skosana	False	True

Routing(s):

Date	User	Dest	To	Language	Report	Profile	Status
Final							
2021-02-25 13:47	G Ditshego	D	MARULE, D. Dr	English	Lab	Standard	Success
Type	Email	Destination		drdmarule@gmail.com			
2021-02-25 13:47	G Ditshego	D	MARULE, D. Dr	English	Lab	Standard	Failed
Type	Print	Destination		Brother MFC-L8690CDW series (Copy 2)			
2021-02-25 14:26	G Ditshego	D	MARULE, D. Dr	English	Lab	Standard	Success
Type	Email	Destination		dithomo@absamail.co.za;			
2021-03-26 11:34	G Ditshego	D	MARULE, D. Dr	English	Lab	Standard	Success
Type	Print	Destination		Brother MFC-L8690CDW series (Copy 2)			

Requisition Audit Action(s):

Date	Action Name	User	Description
2021/02/25 13:47	Req Finalised	G Ditshego	Finalised
2021/02/25 14:17	Admin Checked	M Skosana	Request form reviewed.

Request(s):

Date	User	Test	Change
2021/02/24 18:43	SW Mkholo	FBC - FBC, Pit & Diff	inserted
2021/02/24 18:43	SW Mkholo	ESR - ESR	inserted
2021/02/24 18:43	SW Mkholo	TSH - Thyroid Stimulating Hormone	inserted
2021/02/24 18:43	SW Mkholo	FT4 - Free T4	inserted
2021/02/24 18:43	SW Mkholo	SCRp - CRP Quantitative	inserted
2021/02/24 18:43	SW Mkholo	HBA1CG - Glycolated glucose	inserted
2021/02/24 18:43	SW Mkholo	SCKMB - CKMB	inserted
2021/02/24 18:43	SW Mkholo	SCK2 - Creatine Kinase (CK)	inserted
2021/02/24 18:43	SW Mkholo	TropT - Troponin T	inserted
2021/02/24 18:43	SW Mkholo	LIPO - Lipogram	inserted
2021/02/24 18:43	SW Mkholo	CUE - CUE	inserted
2021/02/24 18:43	SW Mkholo	SCRT - Serum Creatinine	inserted

Result(s):

Test	Date	User	Old Value	New Value	H/L	Reference Range
WBC - Leucocyte Count						
Result Number				11.4		4 - 12 K/uL
	2021/02/24 19:31	S SYSTEM	Empty	11.4		

Result Status

2021/02/24 19:31 S SYSTEM
2021/02/24 21:18 J.G. Kubheka
2021/02/24 21:18 J.G. Kubheka

	VU		
N	M		
M	VU		
VU	RU		

RBC - Erythrocyte Count

Result Number

2021/02/24 19:31 S SYSTEM

	3.38	L	3.8 - 5.5 x10 ¹² /L
Empty	3.38		

Result Status

2021/02/24 19:31 S SYSTEM
2021/02/24 21:18 J.G. Kubheka
2021/02/24 21:18 J.G. Kubheka

	VU		
N	M		
M	VU		
VU	RU		

HGB - Haemoglobin

Result Number

2021/02/24 19:31 S SYSTEM

	9.5	L	12 - 16 g/dL
Empty	9.5		

Result Status

2021/02/24 19:31 S SYSTEM
2021/02/24 21:18 J.G. Kubheka
2021/02/24 21:18 J.G. Kubheka

	VU		
N	M		
M	VU		
VU	RU		

HCT - Haematocrit

Result Number

2021/02/24 19:31 S SYSTEM

	28.59	L	35 - 49 %
Empty	28.59		

Result Status

2021/02/24 19:31 S SYSTEM
2021/02/24 21:18 J.G. Kubheka
2021/02/24 21:18 J.G. Kubheka

	VU		
N	M		
M	VU		
VU	RU		

HCTLL - Haematocrit

Result Number

2021/02/24 21:18 J.G. Kubheka

	0.29	L	0.35 - 0.49 L/L
Empty	0.29		

Result Status

2021/02/24 21:18 J.G. Kubheka
2021/02/24 21:18 J.G. Kubheka
2021/02/24 21:18 J.G. Kubheka

	T		
N	T		
T	VU		
VU	RU		

MCV - MCV

Result Number

2021/02/24 19:31 S SYSTEM

	85		78 - 100 fl
Empty	85		

Result Status

2021/02/24 19:31 S SYSTEM
2021/02/24 21:18 J.G. Kubheka
2021/02/24 21:18 J.G. Kubheka

	VU		
N	M		
M	VU		
VU	RU		

MCH - MCH

Result Number	2021/02/24 19:31 S SYSTEM	28.2	27 - 35 pg
	Empty	28.2	

Result Status	2021/02/24 19:31 S SYSTEM	VU	
	2021/02/24 21:18 J.G. Kubheka	N	M
	2021/02/24 21:18 J.G. Kubheka	M	VU
		VU	RU

MCHC - MCHC

Result Number	2021/02/24 19:31 S SYSTEM	33.3	32 - 36 g/dL
	Empty	33.3	

Result Status	2021/02/24 19:31 S SYSTEM	VU	
	2021/02/24 21:18 J.G. Kubheka	N	M
	2021/02/24 21:18 J.G. Kubheka	M	VU
		VU	RU

RDW - RDW

Result Number	2021/02/24 19:31 S SYSTEM	14	10 - 18
	Empty	14	

Result Status	2021/02/24 19:31 S SYSTEM	VU	
	2021/02/24 21:18 J.G. Kubheka	N	M
	2021/02/24 21:18 J.G. Kubheka	M	VU
		VU	RU

PLT - Platelet Count

Result Number	2021/02/24 19:31 S SYSTEM	411	H 140 - 400 x10 ⁹ /L
	Empty	411	

Result Status	2021/02/24 19:31 S SYSTEM	VU	
	2021/02/24 21:18 J.G. Kubheka	N	M
	2021/02/24 21:18 J.G. Kubheka	M	VU
		VU	RU

NEUT# - Neutrophils

Result Number	2021/02/24 19:31 S SYSTEM	7.09	2 - 7.5 x10 ⁹ /L
	Empty	7.09	

Result Status	2021/02/24 19:31 S SYSTEM	VU	
	2021/02/24 21:18 J.G. Kubheka	N	M
	2021/02/24 21:18 J.G. Kubheka	M	VU
		VU	RU

NEUT% - Neutrophils %

Result Number	2021/02/24 19:31 S SYSTEM	62.5	50 - 80 %
	Empty	62.5	

Result Status	2021/02/24 19:31 S SYSTEM	VU	
	2021/02/24 21:18 J.G. Kubheka	N	M
		M	VU

Result Status 2021/02/24 21:18 J.G. Kubheka

VU	RU
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LYMP# - Lymphocytes

Result Number

2021/02/24 19:31 S SYSTEM

	3.39	1 - 4 x10 ⁹ /L
Empty	3.39	

Result Status

2021/02/24 19:31 S SYSTEM

2021/02/24 21:18 J.G. Kubheka

2021/02/24 21:18 J.G. Kubheka

	VU	
N	M	
M	VU	
VU	RU	

LYMP% - Lymphocytes %

Result Number

2021/02/24 19:31 S SYSTEM

	29.9	25 - 50 %
Empty	29.9	

Result Status

2021/02/24 19:31 S SYSTEM

2021/02/24 21:18 J.G. Kubheka

2021/02/24 21:18 J.G. Kubheka

	VU	
N	M	
M	VU	
VU	RU	

MONO# - Monocytes

Result Number

2021/02/24 19:31 S SYSTEM

	0.48	0.2 - 1 x10 ⁹ /L
Empty	0.48	

Result Status

2021/02/24 19:31 S SYSTEM

2021/02/24 21:18 J.G. Kubheka

2021/02/24 21:18 J.G. Kubheka

	VU	
N	M	
M	VU	
VU	RU	

MONO% - Monocytes%

Result Number

2021/02/24 19:31 S SYSTEM

	4.2	2 - 10 %
Empty	4.2	

Result Status

2021/02/24 19:31 S SYSTEM

2021/02/24 21:18 J.G. Kubheka

2021/02/24 21:18 J.G. Kubheka

	VU	
N	M	
M	VU	
VU	RU	

EOSI# - Eosinophils

Result Number

2021/02/24 19:31 S SYSTEM

	0.33	0 - 0.5 x10 ⁹ /L
Empty	0.33	

Result Status

2021/02/24 19:31 S SYSTEM

2021/02/24 21:18 J.G. Kubheka

2021/02/24 21:18 J.G. Kubheka

	VU	
N	M	
M	VU	
VU	RU	

EOSI% - Eosinophils%

Result Number

2021/02/24 19:31 S SYSTEM

	2.9	0 - 5 %
Empty	2.9	

IFCC - HBA1C (IFCC)

Result Number		73	H	20 - 42 mmol/mol
2021/02/24 19:31 S SYSTEM	Empty	73		

Result Status		VU		
2021/02/24 19:31 S SYSTEM	N	C		
2021/02/24 21:19 J.G. Kubheka	C	VU		
2021/02/24 21:19 J.G. Kubheka	VU	RU		

eAG - Estimated Average Glucose

Result Number		11.39		mmol/l
2021/02/24 19:31 S SYSTEM	Empty	11.39		

Result Status		VU		
2021/02/24 19:31 S SYSTEM	N	C		
2021/02/24 21:19 J.G. Kubheka	C	VU		
2021/02/24 21:19 J.G. Kubheka	VU	RU		

APPEA - Appearance

Result Status		VU		
2021/02/24 19:38 S SYSTEM	N	M		
2021/02/24 21:19 J.G. Kubheka	M	VU		
2021/02/24 21:19 J.G. Kubheka	VU	RU		

Word		Normal		
2021/02/24 19:38 S SYSTEM	Empty	Normal		

SK - Potassium

Result Number		5.2	H	3.5 - 5.1 mmol/l
2021/02/24 19:38 S SYSTEM	Empty	5.2		

Result Status		VU		
2021/02/24 19:38 S SYSTEM	N	M		
2021/02/24 21:19 J.G. Kubheka	M	VU		
2021/02/24 21:19 J.G. Kubheka	VU	RU		

SNA - Sodium

Result Number		135	L	135 - 150 mmol/l
2021/02/24 19:38 S SYSTEM	Empty	135		

Result Status		VU		
2021/02/24 19:38 S SYSTEM	N	M		
2021/02/24 21:19 J.G. Kubheka	M	VU		
2021/02/24 21:19 J.G. Kubheka	VU	RU		

SCL - Chloride

Result Number		102		98 - 107 mmol/l
2021/02/24 19:38 S SYSTEM	Empty	102		

Result Status		VU		
2021/02/24 19:38 S SYSTEM	N	M		
2021/02/24 21:19 J.G. Kubheka	M	VU		

Result Status 2021/02/24 21:19 J.G. Kubheka

VU	RU
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SCO2 - Carbon dioxide

Result Number

2021/02/24 19:38 S SYSTEM

	23	21 - 29 mmol/l
Empty	23	

Result Status

2021/02/24 19:38 S SYSTEM

2021/02/24 21:19 J.G. Kubheka

2021/02/24 21:19 J.G. Kubheka

	VU	
N	M	
M	VU	
VU	RU	

SUREA - Urea

Result Number

2021/02/24 19:38 S SYSTEM

	8.5	H	2.1 - 7.1 mmol/l
Empty	8.5		

Result Status

2021/02/24 19:38 S SYSTEM

2021/02/24 21:19 J.G. Kubheka

2021/02/24 21:19 J.G. Kubheka

	VU	
N	M	
M	VU	
VU	RU	

AG - Anion Gap

Result Number

2021/02/24 19:38 S SYSTEM

	9	8 - 16 mmol/l
Empty	9	

Result Status

2021/02/24 19:38 S SYSTEM

2021/02/24 21:19 J.G. Kubheka

2021/02/24 21:19 J.G. Kubheka

	VU	
N	C	
C	VU	
VU	RU	

CREAT - S-Creatinine

Result Number

2021/02/24 19:38 S SYSTEM

	124	H	50 - 110 umol/l
Empty	124		

Result Status

2021/02/24 19:38 S SYSTEM

2021/02/24 21:19 J.G. Kubheka

2021/02/24 21:19 J.G. Kubheka

	VU	
N	M	
M	VU	
VU	RU	

GFR - GFR

Result Number

2021/02/24 19:38 S SYSTEM

	46	ml/min/1.73m2
Empty	46	

Result Status

2021/02/24 19:38 S SYSTEM

2021/02/24 21:19 J.G. Kubheka

2021/02/24 21:19 J.G. Kubheka

	VU	
N	C	
C	VU	
VU	RU	

SCK2 - Creatine Kinase (CK)

Result Number

2021/02/24 19:38 S SYSTEM

	56	26 - 192 U/L
Empty	56	

Result Status

2021/02/24 19:38 S SYSTEM
2021/02/24 21:19 J.G. Kubheka
2021/02/24 21:19 J.G. Kubheka

	VU	
N	M	
M	VU	
VU	RU	

SCKMB - CKMB

Result Number

2021/02/24 23:24 S SYSTEM

	1.4	0 - 7.6 ng/ml
Empty	1.4	

Result Status

2021/02/24 23:24 S SYSTEM
2021/02/25 13:46 G Ditshego
2021/02/25 13:46 G Ditshego

	VU	
N	M	
M	VU	
VU	RU	

TropT - Troponin T

Result Number

2021/02/25 13:46 G Ditshego

	0.05	0 - 0.4 ng/ml
Empty	0.05	

resultQualifierID

2021/02/25 13:46 G Ditshego

	<	
Empty	<	

Result Status

2021/02/25 13:46 G Ditshego
2021/02/25 13:46 G Ditshego
2021/02/25 13:46 G Ditshego

	T	
N	T	
T	VU	
VU	RU	

TSH - Thyroid Stimulating Hormone

Result Number

2021/02/24 23:24 S SYSTEM

	2.89	0.49 - 4.7 mIU/l
Empty	2.89	

Result Status

2021/02/24 23:24 S SYSTEM
2021/02/25 13:46 G Ditshego
2021/02/25 13:46 G Ditshego

	VU	
N	M	
M	VU	
VU	RU	

FT4 - Free T4

Result Number

2021/02/24 23:24 S SYSTEM

	12.22	8 - 23.8 pmol/l
Empty	12.22	

Result Status

2021/02/24 23:24 S SYSTEM
2021/02/25 13:46 G Ditshego
2021/02/25 13:46 G Ditshego

	VU	
N	M	
M	VU	
VU	RU	

SCHOL - S-Cholesterol

Result Number

2021/02/24 19:38 S SYSTEM

	3.7	2.5 - 5 mmol/l
Empty	3.7	

Result Status

2021/02/24 19:38 S SYSTEM
2021/02/24 21:19 J.G. Kubheka
2021/02/24 21:19 J.G. Kubheka

	VU	
N	M	
M	VU	
VU	RU	

SHDL - S-HDL Cholesterol

Result Number

2021/02/24 19:38 S SYSTEM

	0.89	L	1.2 - 1.9 mmol/l
Empty	0.89		

Result Status

2021/02/24 19:38 S SYSTEM
 2021/02/24 21:19 J.G. Kubheka
 2021/02/24 21:19 J.G. Kubheka

	VU		
N	M		
M	VU		
VU	RU		

SLDL - S-LDL Cholesterol

Result Number

2021/02/24 19:38 S SYSTEM

	2.6		1.2 - 3 mmol/l
Empty	2.6		

Result Status

2021/02/24 19:38 S SYSTEM
 2021/02/24 21:19 J.G. Kubheka
 2021/02/24 21:19 J.G. Kubheka

	VU		
N	M		
M	VU		
VU	RU		

STRIG - S-Triglycerides

Result Number

2021/02/24 19:38 S SYSTEM

	1.66	H	0 - 1.5 mmol/l
Empty	1.66		

Result Status

2021/02/24 19:38 S SYSTEM
 2021/02/24 21:19 J.G. Kubheka
 2021/02/24 21:19 J.G. Kubheka

	VU		
N	M		
M	VU		
VU	RU		

Organism(s):

Test	Date	User	Old Value	New Value	H/L	Reference Range
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Pathologist Comment(s):

Technologist Comment(s):