

اسم الفرع المعادي 2
 مدير الفرع د. نسرين ابراهيم
 مدير الوحدة ا.د. هالة شيبه
 طبيب الوحدة د. فاتن رمضان
 د. دعاء خميس

رئيس مجلس الإدارة
 ا. د. مؤمنه كامل

مدير المعامل
 ا. د. هند الشربيني

Visit Number:	24619519214	Registered	06-08-2019 12:02:30
Patient Name:		Collected	14-08-2019 10:12:07
Age / Sex:	50 Year / Female	Authenticated	14-08-2019 20:34:46
Referred By:	Prof : -	Printed	12-09-2019 10:35:33
Client Name:	41274		

HEMATOLOGY REPORT

TEST NAME	RESULT	Previous Result	UNIT	BIOLOGICAL REFERENCE INTERVALS
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Detection of Lupus Anticoagulant (LA)

<u>dRVV Screen Ratio (Citratd Plasma)</u>	1.24	< 1.2
<u>dRVV Normalized Ratio</u>	1.03	< 1.2
<u>dRVV Confirm Ratio</u>	1.20	

* Negative for LA .

If the screen ratio is greater than or equal to 1.2 while normalized ratio is less than 1.2 ,the test is negative for LA .Factor deficiency or factor inhibitor is suspicious -.

N.B. :diluted Russell's Viper Venom (dRVV) test is used for detection of lupus anticoagulant

<u>Free Protein S Assay (Citratd Plasma)</u>	63.9	%	60 - 150
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Coagulation Profile

<u>Anti-thrombin III (AT-III) activity (Citratd Plasma)</u>	L 25	%	80 - 120
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ABO & Rh Typing

<u>ABO GROUP (EDTA Blood)</u>	B
<u>Rh Grouping (EDTA Blood)</u>	Positive

Prothrombin Time (PT) (Citratd Plasma)

Patient Prothrombin Time	30.8	sec	
Control Prothrombin Time	13.3	sec	
Prothrombin Concentration	31.0	%	70 - 120
INR	2.46		0.9 - 1.27
<u>APTT (Citratd Plasma)</u>	H 42.2	sec	23 - 40

Erythrocyte Sedimentation Rate (ESR)

First Hour:	H 120	mm	Up to 12
<u>Protein C Assay (Citratd Plasma)</u>	L 23.5	%	72 - 160
<u>Factor V Activity (Citratd Plasma)</u>	L 9	%	70 - 120

Hala Sheba

Dr.Hala Sheba
 Professor of clinical pathology,
 Faculty of medicine, Cairo university

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مدير الفرع د. نسرين ابراهيم
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رئيس مجلس الإدارة
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مدير المعامل
ا.د. هند الشربيني

Visit Number:	24619519214	Registered	06-08-2019 12:02:30
Patient Name:		Collected	14-08-2019 10:12:07
Age / Sex:	50 Year / Female	Authenticated	14-08-2019 20:59:00
Referred By:	Prof : -	Printed	12-09-2019 10:35:34
Client Name:	41274		

HEMATOLOGY REPORT

TEST NAME	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVALS
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Complete Blood Picture

Haemoglobin	13.2	g/dl	11.5 - 15.5
Haematocrit (PCV)	38.6	%	36 - 45
RBCs Count	4.01	millions/cmm	4 - 5.2
MCV	96.3	fl	80 - 100
MCH	32.9	pg	27 - 33
MCHC	34.2	g/dl	31 - 37
RDW-CV	14.5	%	11.5 - 15
Platelet Count (EDTA Blood)	L 70	thousands /cmm	150 - 450
Total Leucocytic Count (EDTA Blood)	7.4	thousands /cmm	4 - 11

Percent Values

Neutrophils	71	%
Staff	7	%
Segmented	64	%
Lymphocytes	22.0	%
Monocytes	7.0	%
Eosinophils	0.0	%
Basophils	0.0	%

Absolute Values

5.25	x10 ⁹ /L	2 - 7
0.52	x10 ⁹	
4.74	x10 ⁹	
1.63	x10 ⁹ /L	1 - 4.8
0.52	x10 ⁹ /L	0.2 - 1
0	x10 ⁹ /L	0.1 - 0.45
0	x10 ⁹ /L	0 - 0.1

Other Cells

Comment:

MODERATE THROMBOCYTOPENIA..
FOLLOW UP IS RECOMMENDED..
PMN SHIFT TO LEFT.

Hala Sheba

Dr.Hala Sheba
Professor of clinical pathology,
Faculty of medicine, Cairo university

Visit Number:	24619519214	Registered	06-08-2019 12:02:30
Patient Name:		Collected	14-08-2019 10:12:08
Age / Sex:	50 Year / Female	Authenticated	14-08-2019 19:44:19
Referred By:	Prof : -	Printed	12-09-2019 10:35:35
Client Name:	41274		

TEST NAME	RESULT	Previous Result	UNIT	BIOLOGICAL REFERENCE INTERVALS
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Diabetic Profile

Fasting Blood Glucose	78		mg/dL	"Normal 60 - 100 Prediabetes 101 - 125 Diabetes more than 125"
Glucose After 2 Hours	114		mg/dL	"Normal: 70 - 139 Prediabetes: 140 - 199 Diabetes: more than 200"
Haemoglobin A1C	4.7		%	Normal: less than 5.7 Prediabetes: 5.7-6.4 Diabetes: more than 6.4

Inflammatory Markers

C-Reactive Protein (Quantitative)	70.33		mg/L	Up To 5.0
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Liver Function Tests

Total Bilirubin	H 5.80		mg/dL	0.3 - 1.2
Direct Bilirubin	H 1.48		mg/dL	0 - 0.3
Indirect Bilirubin	H 4.32		mg/dL	0 - 0.9
SGPT (ALT)	20		U/L	7 - 40
SGOT (AST)	H 40		U/L	0 - 34
Alkaline Phosphatase	89		U/L	35 - 105
Gamma GT	H 43		U/L	0 - 38
Serum Total protein	8.0		g/dL	5.7 - 8.2
Serum Albumin	L 2.6		g/dL	3.2 - 4.8
Serum Globulin	H 5.40		g/dL	2 - 3.5
Albumin/Globulin ratio	L 0.5			1.1 - 2.1

A. N. N. N.

Visit Number:	24619519214	Registered	06-08-2019 12:02:30
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Age / Sex:	50 Year / Female	Authenticated	14-08-2019 19:44:19
Referred By:	Prof : -	Printed	12-09-2019 10:35:35
Client Name:	41274		

Lipid Profile

Serum Total Cholesterol	87	mg/dL	Normal: Up to 200 Borderline Risk: 200-240 High Risk: > 240
Serum Triglycerides	59	mg/dL	0 - 150
HDL Cholesterol	L 35	mg/dL	40 - 60
LDL Cholesterol	40	mg/dL	0 - 100
VLDL Cholesterol	12	mg/dL	0 - 30
HDL Risk Factor	2.49		1/2 Average : 3.9 Average : 4.4 2 Average : 7.1 3 Average : 11.0

Kidney Function Tests

Serum Creatinine	0.61	mg/dL	0.5 - 1.1
Blood Urea Nitrogen (BUN)	15	mg/dL	5 - 21
Serum Uric Acid	3.6	mg/dL	2.4 - 6
Serum Calcium	L 7.9	mg/dL	8.5 - 10.2
Serum Phosphorous	L 1.8	mg/dL	2.4 - 5.1
Serum Magnesium	1.8	mg/dL	1.3 - 2.7
Serum Potassium	L 3.2	mmol/L	3.5 - 5.5
Serum Sodium	141	mmol/L	132 - 146
Serum Chloride	106	mmol/L	99 - 109

Iron Profile

Serum Iron	164.00	ug/dL	50 - 170
Total Iron Binding Capacity (TIBC)	L 217.000	ug/dL	250 - 450
Transferrin saturation	H 75.50	%	15 - 50
Ferritin	H 496.80	ng/ml	13 - 150

Cardiac Markers

Serum LDH	223	U/L	120 - 246
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A. N. N. N.

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Referred By: Prof : -	Printed	12-09-2019 10:35:35
Client Name: 41274		

Pancreatic Function Tests

Serum Amylase	35.00	U/L	0 - 118
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Fertility Profile

HCG (Quantitative) Report	<0.1	mIU/mL	Nonpregnant females: < 5.3 mIU/ml Pregnant Women: Gestational age (in weeks from LMP)(mIU/ml) Weeks 3: 5.8 - 71.2 Weeks 4: 9.5 - 750 Weeks 5: 217 - 7138 Weeks 6: 158 - 31795 Weeks 7: 3697 - 163563 Weeks 8: 32065 - 149571 Weeks 9: 63803 - 151410 Weeks 10-11: 46509 - 186977 Weeks 12-13: 27832 - 210612 Weeks 14: 13950 - 62530 Weeks 15: 12039 - 70971 Weeks 16: 9040 - 56451 Weeks 17: 8175 - 55868 Weeks 18: 8099 - 58176
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Immunoglobulins Profile

IgG in serum	H 2780	mg/dL	700 - 1600
IgA in serum	H 1150	mg/dL	70 - 400
IgM in serum	H 313.20	mg/dL	40 - 230

Complement Profile

C3	L 63.20	mg/dL	90 - 180
C4	L 8.70	mg/dL	10 - 40

A. N. N. N.

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Age / Sex: 50 Year / Female	Authenticated	14-08-2019 19:44:19
Referred By: Prof : -	Printed	12-09-2019 10:35:35
Client Name: 41274		

Hepatitis Markers

<u>Hepatitis A virus IgM</u>	Negative	Negative
<u>Hepatitis A virus IgG</u>	Positive	Negative
<u>Hepatitis B surface antigen</u>	Negative	Negative
<u>Hepatitis B surface antibody (titre)</u>	Negative 2.00	mlU/mL Negative <10 Positive =>10
<u>Hepatitis B core total</u>	Negative	Negative
<u>Hepatitis B core IgM</u>	Negative	Negative
<u>Hepatitis B e Antigen</u>	Negative	Negative
<u>Hepatitis B e antibody</u>	Negative	Negative
<u>HCV Ab by Chemiluminescent technology</u>	Negative	Negative

TORCH Screening

<u>Herpes simplex virus Type I IgG</u>	57.57	COI	Negative : <0.6 Weak Positive : 0.6 - 0.99 Positive : =>1.0
<u>Cytomegalovirus IgM</u>	Negative 0.537	COI	Negative : < 0.9 Weak positive : 0.9 - <1.1 Positive : => 1.1
<u>Cytomegalovirus IgG</u>	Positive 2762.00	U/mL	Negative : < 0.5 Weak positive : 0.5 - 0.99 Positive : => 1.0

Param- General

<u>Epstein-barr virus antibody to viral capsid antigen (VCA-IgG)</u>	1.30	S/CO Ratio	Negative : < 0.9 Weak Positive : 0.9 - <1.1 Positive : => 1.1
<u>Epstein-barr virus antibody to viral capsid antigen (VCA-IgM)</u>	0.33	S/CO Ratio	Negative : < 0.9 Weak Positive : 0.9 - <1.1 Positive : => 1.1
<u>HIV Antibody (AIDS Test)</u>	Negative		Negative

A. N. N. N.

Visit Number:	24619519214	Registered	06-08-2019 12:02:30
Patient Name:		Collected	14-08-2019 10:12:53
Age / Sex:	50 Year / Female	Authenticated	19-08-2019 11:25:03
Referred By:	Prof : -	Printed	12-09-2019 10:35:37
Client Name:	41274		

WATER REPORT

TEST NAME	RESULT	Previous Result	UNIT	BIOLOGICAL REFERENCE INTERVALS
<u>Serum Copper</u>	89		ug/dL	68 - 169

Visit Number:	24619519214	Registered	06-08-2019 12:02:30
Patient Name:		Collected	14-08-2019 10:12:53
Age / Sex:	50 Year / Female	Authenticated	15-08-2019 19:25:46
Referred By:	Prof : -	Printed	12-09-2019 10:35:37
Client Name:	41274		

TEST NAME	RESULT	PRV.RSLT	UNIT	BIOLOGICAL REFERENCE INTERVALS
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Immunology

<u>Anti-nuclear Antibody (ANA)</u>	0.82		RU	Negative <1 Borderline 1-1.5 Positive > 1.5
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N.B. :Follow up ANA, ADNA, by IF are recommended

<u>ADNA (ds)</u>	19.2		IU/mL	Negative <20 Positive >20
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N.B. :Follow up ANA, ADNA, by IF are recommended

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 د. أحمد الشناوي

رئيس مجلس الإدارة
 ا.د. مؤمنه كامل

مدير المعامل
 ا.د. هند الشربيني

Visit Number: 24619519214	Registered	06-08-2019 12:02:30
Patient Name:	Collected	14-08-2019 10:12:53
Age / Sex: 50 Year / Female	Authenticated	15-08-2019 14:01:02
Referred By: Prof : -	Printed	12-09-2019 10:35:37
Client Name: 41274		

IMMUNOLOGY REPORT

TEST NAME	RESULT	PRV.RSLT	UNIT	BIOLOGICAL REFERENCE INTERVALS
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Autoimmune Liver Profile

<u>Liver Kidney Microsomal Antibody (LKM-1) (Serum)</u>	Negative	Negative
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N.B. :By Indirect Immunofluorescence Technique

Extractable Nuclear Antigen (ENA) In Serum

Anti Smith & RNP	Negative	Negative
Anti Smith Antibodies	Negative	Negative
Anti SSA(Ro) Antibodies	Negative	Negative
Anti SS-B (LA)	Negative	Negative
Anti Jo. 1	Negative	Negative
Anti SCL 70 Antibodies	Negative	Negative
Anti Centromere	Negative	Negative

N.B. :
 Done by Immunoblot technique.
 Anticentromere done by Immunofluorescent Technique.

<u>Anti mitochondrial antibody (AMA-M2) by IF (Serum)</u>	Negative	Negative
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N.B. :The Starting dilution of AMA is 1/20

<u>Anti Smooth Muscle Antibody (ASMA) by IF (Serum)</u>	Positive >1/20	Negative
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N.B. :The starting dilution of ASMA is 1/20

<u>Cryoglobulins evaluation</u>	Negative	Negative
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 Dr. Moamena Kamel
 Professor of Immunology,
 Faculty of medicine, Cairo University

Visit Number:	24619519214	Registered	06-08-2019 12:02:30
Patient Name:		Collected	14-08-2019 10:12:53
Age / Sex:	50 Year / Female	Authenticated	29-08-2019 10:52:15
Referred By:	Prof : -	Printed	12-09-2019 10:35:38
Client Name:	41274		

CHEMISTRY REPORT

TEST NAME	RESULT	Previous Result	UNIT	BIOLOGICAL REFERENCE INTERVALS
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Kidney Function Tests

Creatinine Clearance

Total Urine Volume / 24 Hrs	485		ml/24 Hrs	600 - 1600
Serum Creatinine	1.03		mg/dL	0.5 - 1.1
Urinary Creatinine	64		mg/dL	
Surface Area	1.61			
Creatinine Clearance	20.93		ml/min	
Corrected Creatinine Clearance	L 22.49		ml/min/1.73 m2	66 - 111

Urine Chemistry Analysis

Protein / creatinine ratio

Urinary Protein	7.21		mg/dL	
Urinary Creatinine	39		mg/dL	
Protein/ creatinine ratio	183.3672		mg/ g creatinine	0 - 200

Protein in 24 hrs Urine

Total Urine Volume / 24 Hrs	1020		ml/24 Hrs	600 - 1600
Urinary Protein	20.08		mg/dL	
Protein in 24 hrs Urine	0.2		gm/24 hrs	Less than 0.15

Visit Number:	24619519214	Registered	06-08-2019 12:02:30
Patient Name:		Collected	14-08-2019 10:11:26
Age / Sex:	50 Year / Female	Authenticated	15-08-2019 14:00:18
Referred By:	Prof : -	Printed	12-09-2019 10:35:38
Client Name:	41274		

MOLECULAR BIOLOGY REPORT

TEST NAME	RESULT	Previous Result	UNIT	BIOLOGICAL REFERENCE INTERVALS
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HCV RNA Quantitative by TaqMan Realtime PCR:	<15		IU/ml	< 15
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N.B. :The COBAS Ampliprep/COBAS TaqMan (CAP/CTM), a fully automated real-time PCR used to monitor HCV viremia during treatment of patients with chronic hepatitis and patients undergoing antiviral therapy. The wide dynamic range of the (CAP/CTM) allowed for a better definition of viral kinetics for all HCV genotypes (1 - 6).

Results are reported in international units (IU).

1 IU/ml Corresponds to approx. 5 Copies/ml.

Interpretation of viremia:

< 200,000 IU/ml Low

200,000 - 2,000,000 IU/ml Moderate

> 2,000,000 IU/ml High

HCV RNA < 15 IU/mL indicates that the result was valid and the concentration was below the limit of detection (Undetectable Viremia).

HCV RNA >100,000,000 IU/mL indicates that the result was valid and the concentration was above the defined range of the test. Fibro-Acti test and Interleukin 28B are recommended for Positive HCV patients.

HBV DNA Quantitative by (TaqMan) Real- time PCR:	<20		Iu/mL	< 20
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N.B. :The COBAS AmpliPrep/COBAS TaqMan HBV test (Version 2 FDA approved) uses nucleic acid amplification technology by real-time PCR to achieve maximum sensitivity and wide dynamic range for the quantitative detection of HBV DNA in EDTA anti-coagulated plasma

The COBAS AmpliPrep / COBAS TaqMan provides a fully automated specimen preparation, and a fully automated amplification and detection.

HBV DNA <20 IU/mL indicates that the HBV DNA level is below the limit of detection of the assay.

HBV DNA >170,000,000 IU/mL indicates that the HBV DNA level is above the limit of detection of the assay.

Note: The HBV DNA concentration in IU/mL X 5.82 = HBV DNA in copies/mL .

Dr. Mona Mohsen

Visit Number:	24619519214	Registered	06-08-2019 12:02:30
Patient Name:		Collected	14-08-2019 10:11:26
Age / Sex:	50 Year / Female	Authenticated	15-08-2019 14:00:18
Referred By:	Prof : -	Printed	12-09-2019 10:35:38
Client Name:	41274		

Thrombophilia Gene Screen

Factor V G1691A (leiden):	Normal	Normal
Factor V H1299R (R2):	Normal	Normal
Prothrombin G20210A:	Normal	Normal
Factor XIII V34L:	Normal	Normal
B-Fibrinogen -455 G>A:	Normal	Normal
PAI-1 4G/5G:	5G	
HPA-1 a/b:	1a	
MTHFR C677T:	Positive at Heterozygous state	Normal
MTHFR A1298C:	Positive at Heterozygous state	Normal
ACE I/D:	Del	
APO B R3500Q:	Normal	
APO E genotype:	E3/4	

N.B. :A single genetic defect rarely exerts a dramatic effect in the development of cardiovascular disease (CVD). Most gene variations contribute with minor effects, and the individual cardiovascular risk is related to a critical accumulation of detrimental polymorphism acting in synergy with unfavorable environmental factors.

The procedure includes single multiplex PCR for the amplification of relevant sequences in the respective genes followed by reverse hybridization of biotinylated amplification products to oligonucleotides probes on the test strip.

The assay covers the following 12 mutations: FV G1691A (Leiden), FV H1299R (R2), Prothrombin G20210A, Factor XIII V34L, B-Fibrinogen -455 G > A, PAI-1 4G/5G, GPIIIa L33P (HPA-1), MTHFR C677T, MTHFR A1298C, ACE I/D, Apo B R3500Q, and Apo E2/E3/E4.

Dr. Mona Mohsen

Visit Number:	24619519214	Registered	06-08-2019 12:02:30
Patient Name:		Collected	14-08-2019 10:11:26
Age / Sex:	50 Year / Female	Authenticated	15-08-2019 14:02:03
Referred By:	Prof : -	Printed	12-09-2019 10:35:39
Client Name:	41274		

TEST NAME	RESULT	Previous Result	UNIT	BIOLOGICAL REFERENCE INTERVALS
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TORCH Screening

Herpes simplex virus Type I IgM	Negative 11.2	U/ml	Negative <20 Weak Positive 20.0 - 29.9 Positive =>30
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Anti Cardiolipin Antibodies

Anti-Cardiolipin IgM	Negative 3.4	MPLU/ml	Negative < 6.9
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Anti-Cardiolipin IgG	Negative 4.1	GPLU/ml	Negative < 9.9
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Visit Number: 24619519214	Registered	06-08-2019 12:02:30
Patient Name:	Collected	14-08-2019 10:11:26
Age / Sex: 50 Year / Female	Authenticated	29-08-2019 10:07:38
Referred By: Prof : -	Printed	12-09-2019 10:35:39
Client Name: 41274		

PARASITOLOGY REPORT

TEST NAME	RESULT	Previous Result	UNIT	BIOLOGICAL REFERENCE INTERVALS
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Urine Analysis

MACROSCOPIC EXAMINATION

Colour	Yellow			Yellow
Aspect	Clear			Clear
Volume	10.0		ml	
Reaction	5.0			4 - 8
Specific Gravity in urine	1.015			1.005-1.025
Nitrite	Negative			Negative
Albumin	Negative			Negative
Sugar	Negative			Negative
Acetone	Negative			Negative
Bile Salts	Negative			Negative
Bile Pigments	Negative			Negative
Urobilinogen	Normal Trace			Normal Trace
Leukocyte esterase	Negative			Negative

MICROSCOPIC EXAMINATION

RBCs	1-3	/H.P.F	0 - 5
Pus Cells	4-6	/H.P.F.	0 - 5
Epithelial Cells	Some		Nil
Casts	Nil		Nil
Ova	Nil		Nil
Crystals	Nil		Nil
Mucus	Nil		Nil
Yeast Cells	Nil		Nil
Trichomonas vaginalis	Nil		Nil

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Age / Sex: 50 Year / Female	Authenticated	29-08-2019 10:07:38
Referred By: Prof : -	Printed	12-09-2019 10:35:39
Client Name: 41274		

Stool Analysis

MACROSCOPIC EXAMINATION

Colour	Brown	Brown
Odour	Faecal	Faecal
Consistency	Semi-formed	Semi - formed
Mucus	Nil	Nil
Blood	Nil	Nil
pH	Alkaline	Alkaline
Worms	Nil	Nil
Undigested Food	Nil	Nil

MICROSCOPIC EXAMINATION

1. Digestion

Vegetable Cells	Few	Nil - Few
Starch	Some	Nil - Few
Muscle Fibers	Some	Nil - Few
Fat	Some	Nil - Few

2. Cytology

Pus Cells	4-6	/H.P.F	0 - 1
RBCs	1-2	/H.P.F.	0 - 1
Epithelial Cells	Nil		Nil
Yeast Cells	Nil		Nil

3. Parasites

Protozoa	Nil	Nil
Helminths	Nil	Nil

Visit Number: 24619519214	Registered	06-08-2019 12:02:30
Patient Name:	Collected	14-08-2019 10:11:26
Age / Sex: 50 Year / Female	Authenticated	14-08-2019 19:16:59
Referred By: Prof : -	Printed	12-09-2019 10:35:41
Client Name: 41274		

PARASITOLOGY REPORT

TEST NAME	RESULT	Previous Result	UNIT	BIOLOGICAL REFERENCE INTERVALS
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Anti-Bilharzial Antibodies in Serum

Anti-bilharzial antibodies in serum	Negative 1/80	Negative < 1/160 Positive > = 1/160
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Bilharzial Antigen in Serum

Bilharzial Antigen in Serum	Negative	Negative
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N.B. :Test limitations:

- 1- The analysis of a single test sample should not be used as the sole criteria for diagnosis. The final diagnosis should be based on the test result in conjunction with other clinical and or laboratory findings.
- 2- In early infections detectable levels of antigen may be absent, the parasite load will determine the sensitivity of the test.

<u>Bilharzial antigen in urine</u>	Negative	Negative
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N.B. :Test limitations:

- 1- The analysis of a single test sample should not be used as the sole criteria for diagnosis. The final diagnosis should be based on the test result in conjunction with other clinical and or laboratory findings.
- 2- In early infections detectable levels of antigen may be absent. The worm load will also determine the sensitivity of the test.
- 3- In suspected clinical cases of Bilharzia, the test may be false negative during the parasitic developing phase (first 6-7 weeks). Retesting or alternative testing methodologies should be considered in such a case.
- 4- Haematuria or pio-uria may cause a false positive test.
- 5- CCA in urine decreases usually already the next day & should become undetectable 2-3 weeks after successful treatment.

A. Adawy

اسم الفرع المعادي 2
مدير الفرع د. نسرين ابراهيم
مدير الوحدة ا.د عبد العزيز النقلي
طبيب الوحدة د. ايات ابراهيم

رئيس مجلس الادارة
ا. د. مؤمنه كامل

مدير المعامل
ا. د. هند الشربيني

Visit Number:	24619519214	Registered	06-08-2019 12:02:30
Patient Name:		Collected	14-08-2019 10:11:26
Age / Sex:	50 Year / Female	Authenticated	14-08-2019 18:34:21
Referred By:	Prof : -	Printed	12-09-2019 10:35:41
Client Name:	41274		

TEST NAME	RESULT	PRV.RSLT	UNIT	BIOLOGICAL REFERENCE INTERVALS
<u>Ceruloplasmin</u>	18.14		mg/dL	16 - 45

Dr.ABD El-Aziz El-Nokaly
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Faculty of medicine, EL Azhar University