اسم الفرع طنطا
مدير الوحده د. ايمان عبد الفتاح
طبيب الوحده د. راندا طلعت

مدير المعامل
ا.د. فاطمة نصرت

Visit Number:	43819518610		Registered	18-04-2019 19:01:58
Patient Name:			Collected	18-04-2019 19:02:49
Age / Sex:	19 Year	/ Male	Authenticated	18-04-2019 21:59:41
Referred By:	Prof : -		Printed	12-09-2019 11:25:47
Client Name:	9333			

TEST NAME		RESULT	UNIT	BIOLOGICAL REFERENCE INTERVALS
Diabetic Profile				
Fasting Blood Glucose		89	mg/dL	"Normal 60 - 100 Prediabetes 101 - 125 Diabetes more than 125"
Haemoglobin A1C		5.6	%	Normal: less than 5.7 Prediabetes: 5.7-6.4 Diabetes: more than 6.4
Liver Function Tests				
Total Bilirubin		0.32	mg/dL	0 - 1.2
Direct Bilirubin		0.13	mg/dL	0 - 0.3
Indirect Bilirubin		0.19	mg/dL	0 - 0.9
SGPT (ALT)		19	U/L	0 - 41
SGOT (AST)		19	U/L	0 - 40
Alkaline Phosphatase		106	U/L	40 - 130
Gamma GT		37	U/L	10 - 71
Serum Total protein		7.3	g/dL	6.4 - 8.3
Serum Albumin		5.0	g/dL	3.5 - 5.2
Serum Globulin		2.30	g/dL	2 - 3.5
Albumin/Globulin ratio	H	2.2		1.1 - 2.1
Lipid Profile				
Serum Total Cholesterol		170	mg/dL	Normal: Up to 200 Borderline Risk : 200-240 High Risk: >240
Serum Triglycerides		41	mg/dL	0 - 150

Dr.Eman Abdelfatah

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Kidney Function Tests				
Serum Ionized Calcium		**1.24**	**mmol/L**	**1.12 - 1.32**
Serum Creatinine		**0.83**	**mg/dL**	**0.7 - 1.3**
Serum Urea		**26**	**mg/dL**	**13 - 43**
Serum Calcium		**9.5**	**mg/dL**	**8.6 - 10.2**
Serum Potassium		**3.7**	**mmol/L**	**3.5 - 5.5**
Serum Sodium		**140**	**mmol/L**	**136 - 145**
Iron Profile				
Serum Iron		**74.00**	**ug/dL**	**65 - 175**
Ferritin	**L**	**24.89**	**ng/ml**	**30 - 400**
Tumor Markers				
Alpha-fetoprotein (AFP)		**1.2**	**ng/mL**	**0 - 7**
Carcinoembryonic Antigen (CEA)		**1.91**	**ng/mL**	**"Non smoker up to 3.0 Smoker up to 5.0"**

N.B. :CEA Levels May Vary According To The Platform Used In The Analysis.

CA 19-9	**0.8**	**U/mL**	**0 - 34**

Dr.Eman Abdelfatah

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Hepatitis Markers			
Hepatitis A virus IgM	**Negative**		**Negative**
Hepatitis A virus IgG	**Positive**		**Negative**
Hepatitis B surface antigen	**Negative**		**Negative**
Hepatitis B surface antibody (titre)	**Weak Positive 9.63**	**mIU/mL**	**Negative <8 Weak positive 8 - 11.9 Positive =>12**
Follow up is recommended			
Hepatitis B core total	**Negative**		**Negative**
Hepatitis B core IgM	**Negative**		**Negative**
Hepatitis B e Antigen	**Negative**		**Negative**
Hepatitis B e antibody	**Negative**		**Negative**
HCV Ab by Chemiluminescent technology	**Negative**		**Negative**
TORCH Screening			
Cytomegalovirus IgM	**Negative 0.18**	**COI**	**Negative : < 0.7 Weak Positive : 0.7 - 0.99 Positive : =>1.0**
Cytomegalovirus IgG	**Positive 342.20**	**U/mL**	**Negative : < 0.5 Weak positive :0.5 - 0.99 Positive : => 1.0**
Param- General			
Epstein-barr virus antibody to viral capsid antigen (VCA-IgG)	**1.57**	**S/CO Ratio**	**Negative : < 0.9 Weak Positive : 0.9 - <1.1 Positive : => 1.1**
Epstein-barr virus antibody to viral capsid antigen (VCA-IgM)	**0.56**	**S/CO Ratio**	**Negative : < 0.9 Weak Positive : 0.9 - <1.1 Positive : => 1.1**
HIV Antibody (AIDS Test)	**Negative**		**Negative**

Dr.Eman Abdelfatah

اسم الفرع طنطا
مدير الوحده د. عبير عبد العظيم
طبيب الوحده د. علاء زيدان

مدير المعامل
ا.د. فاطمة نصرت

Visit Number:	43819518610	Registered	18-04-2019 19:01:58
Patient Name:		Collected	18-04-2019 19:02:49
Age / Sex:	19 Year / Male	Authenticated	19-04-2019 15:21:19
Referred By:	Prof : -	Printed	12-09-2019 11:25:48
Client Name:	9333		

HEMATOLOGY REPORT

TEST NAME	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVALS
Detection of Lupus Anticoagulant (LA)			
dRVV Screen Ratio (Citrated Plasma)	0.96		< 1.2

*** Negative for LA .**
The test for LA is negative if the screen ratio is less than 1.2 ..

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

Free Protein S Assay (Citrated Plasma)	115.0	%	60 - 150
Coagulation Profile			
Anti-thrombin III (AT-III) activity (Citrated Plasma)	111	%	80 - 120
ABO & Rh Typing			
ABO GROUP (EDTA Blood)	A		
Rh Grouping (EDTA Blood)	Positive		

Prothrombin Time (PT) (Citrated Plasma)

Patient Prothrombin Time	13.3	sec	
Control Prothrombin Time	12.9	sec	
Prothrombin Concentration	96.0	%	70 - 120
INR	1.03		0.9 - 1.27
APTT (Citrated Plasma)	29.1	sec	23 - 40
Protein C Assay (Citrated Plasma)	90.0	%	72 - 160

Dr.Abeer Abdelazeem

مدير المعامل
ا.د. فاطمة نصرت

اسم الفرع طنطا
مدير الوحده د. عبير عبد العظيم
طبيب الوحده د. علاء زيدان

Visit Number:	43819518610	Registered	18-04-2019 19:01:58
Patient Nam		Collected	18-04-2019 19:02:50
Age / Sex:	19 Year /	Authenticated	18-04-2019 21:26:35
Referred By:	Prof : -	Reported	12-09-2019 11:25:49
Client Name:	9333		

HEMATOLOGY REPORT

Complete Blood Picture

TEST NAME	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVALS
Haemoglobin	**14.4**	**g/dl**	**12.5 - 17.5**
Haematocrit (PCV)	**42.7**	**%**	**41 - 52**
RBCs Count	**5.29**	**millions/cmm**	**4.5 - 5.9**
MCV	**80.7**	**fl**	**80 - 100**
MCH	**27.2**	**pg**	**27 - 33**
MCHC	**33.7**	**g/dl**	**31 - 37**
RDW-CV	**12.9**	**%**	**11.5 - 15**
Platelet Count (EDTA Blood)	**257**	**thousands /cmm**	**150 - 450**
Total Leucocytic Count (EDTA Blood)	**5.6**	**thousands /cmm**	**4 - 11**

Percent Values			Absolute Values		
Neutrophils	**51.7**	**%**	**2.90**	**x10^9/L**	**2 - 7**
Staff	**4**	**%**	**0.22**	**x10^9**	
Segmented	**47.7**	**%**	**2.68**	**x10^9**	
Lymphocytes	**37.8**	**%**	**2.12**	**x10^9/L**	**1 - 4.8**
Monocytes	**7.8**	**%**	**0.44**	**x10^9/L**	**0.2 - 1**
Eosinophils	**2.3**	**%**	**0.13**	**x10^9/L**	**0.1 - 0.45**
Basophils	**0.4**	**%**	**0.02**	**x10^9/L**	**0 - 0.1**

Other Cells

Comment : NORMAL BLOOD PICTURE.

Dr.Abeer Abdelazeem

Visit Number:	43819518610	Registered	18-04-2019 19:01:58
Patient Name:		Collected	18-04-2019 19:02:56
Age / Sex:	19 Year / Male	Authenticated	20-04-2019 14:54:34
Referred By:	Prof : -	Printed	12-09-2019 11:25:49
Client Name:	9333		

MOLECULAR BIOLOGY REPORT

TEST NAME	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVALS
HBV DNA Quantitative by (TaqMan) Real- time PCR:	**<20**	**Iu\mL**	**< 20**

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 .

HCV RNA Quantitative by TaqMan Realtime PCR:	**<15**	**IU/ml**	**< 15**

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.

Dr.Fatma Nasrat
Professor of Clinical Immunology,
Faculty of Medicine, Paris University

F. H. NASRAT

Visit Number:	43819518610		Registered	18-04-2019 19:01:58
Patient Name:			Collected	18-04-2019 19:02:56
Age / Sex:	19 Year	/ Male	Authenticated	20-04-2019 14:54:34
Referred By:	Prof : -		Printed	12-09-2019 11:25:49
Client Name:	9333			

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:	**Positive at Heterozygous state**	**Normal**
PAI-1 4G/5G:	**5G**	
HPA-1 a/b:	**1a/1b**	
MTHFR C677T:	**Normal**	**Normal**
MTHFR A1298C:	**Positive at Heterozygous state**	**Normal**
ACE I/D:	**Del**	
APO B R3500Q:	**Normal**	
APO E genotype:	**E3/3**	

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 XIIIV34L, B-Fibinogen -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.

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Faculty of Medicine, Paris University

F. H. NASRAT

Visit Number:	43819518610	Registered	18-04-2019 19:01:58
Patient Name:		Collected	18-04-2019 19:02:56
Age / Sex:	19 Year / Male	Authenticated	20-04-2019 14:31:02
Referred By:	Prof : -	Printed	12-09-2019 11:25:50
Client Name:	9333		

CHEMISTRY REPORT

TEST NAME	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVALS
Drugs of Abuse Screening			
Full Toxicology panel			
Barbiturates in urine	**Not Detected**		**Not Detected**
Cocaine in urine	**Not Detected**		**Not Detected**
Amphetamine in urine	**Not Detected**		**Not Detected**
Cannabinoids (THC) in urine	**Detected**		**Not Detected**
Benzodiazepine in urine	**Not Detected**		**Not Detected**
Opiates (Morphine) in urine	**Not Detected**		**Not Detected**
Tramadol in urine	**Not Detected**		**Not Detected**

N.B. :Detectable level of Barbiturates: 300 ng/ml.
Detectable level of Cocaine: 300 ng/ml.
Detectable level of Amphetamine: 1000 ng/ml.
Detectable level of Cannabinoids (THC): 50 ng/ml.
Detectable level of Benzodiazepine: 300 ng/ml.
Detectable level of Opiates (Morphine): 300 ng/ml.
Detectable level of Tramadol: 200 ng/ml.
- The Sample Was Provided To The Lab.
- Positive Result Should Be Confirmed By Another Method (GC/MS)

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اسم الفرع طنطا

مدير الوحده ا.د. عبير شهاب

مدير المعامل
ا.د. فاطمة نصرت

Visit Number:	43819518610	Registered	18-04-2019 19:01:58
Patient Name:		Collected	18-04-2019 19:02:57
Age / Sex:	19 Year / Male	Authenticated	20-04-2019 12:58:58
Referred By:	Prof : -	Printed	12-09-2019 11:25:50
Client Name:	9333		

TEST NAME	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVALS
Anti Cardiolipin Antibodies			
Anti-Cardiolipin IgM	**Negative 0.11**	**MPLU/ml**	**Negative <12 Positive >18 Weak Positive 12-18**
Anti-Cardiolipin IgG	**Negative 8.1**	**GPLU/ml**	**Negative <12 Positive >18 Weak Positive 12-18**

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مدير الوحده ا.د. عزة يونس
طبيب الوحده د. محمد عبد الحافظ

مدير المعامل
ا.د. فاطمة نصرت

Visit Number:	43819518610	Registered	18-04-2019 19:01:58
Patient Name:		Collected	18-04-2019 19:35:46
Age / Sex:	19 Year / Male	Authenticated	20-04-2019 09:32:30
Referred By:	Prof : -	Printed	12-09-2019 11:25:50
Client Name:	9333		

PARASITOLOGY REPORT

TEST NAME	RESULT	UNIT	BIOLOGICAL REFERENCE INTERVALS
Bilharzial Antigen in Serum			
Bilharzial Antigen in Serum	**Negative**		**Negative**

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.

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