



# Freiburg Medical Laboratory Middle East (L.L.C)

P.O. Box: 3068, Dubai - UAE, Tel: 04 396 2227, Fax: 04 396 2228

E-mail: info@fml-dubai.com, Website: www.fml-dubai.com

## Physician:

Dr. M. Jaksch  
Freiburg Medical Lab

## Laboratory Report Online Version

Report Date: 27.04.2016

### Patient Name: sample report coagulation

Gender: Female  
Date of Birth: 01.01.1973  
Nationality:  
Your ID:

Test Request Code: 1279  
Sample ID:  
Patient IDNo: 380033

Sampling Date / Time: 27.04.2016 / 17:16  
Receipt Date / Time: 27.04.2016 / 17:16

### Remarks:

### Insurance:

Analysis	Result	Flag	Units	Reference Range
<b>Haematology</b>				
<b>CBC (EDTA blood)</b>				
WBC	2.5	low	10 <sup>3</sup> /μl	4.0 - 10.0
RBC	5.13	high	10 <sup>6</sup> /μl	3.8 - 4.8
The constellation (MCV, MCH and RBC) could point to hemoglobinopathy (i.e. thalassemia trait) and/or Iron deficiency, we recommend testing for Ferritin and Hb-HPLC.				
HGB	9.6	low	g/dl	12.0 - 15.0
HCT	30.7	low	%	36.0 - 46.0
MCV	59.8	low	fl	83.0 - 101.0
MCH	18.7	low	pg	27.0 - 32.0
MCHC	31.3	low	g/dl	31.5 - 36.0
PLT	236		10 <sup>3</sup> /μl	150 - 450
<b>Differential Count (automatic)</b>				
Neutrophils	26.0	low	%	50 - 70
Lymphocytes	61.6	high	%	20 - 40
Monocytes	10.0		%	4 - 12
Eosinophils	1.6		%	0 - 4
Basophils	0.8		%	0 - 2
Neutrophils absolute	0.6	low	10 <sup>3</sup> /μl	2.0 - 7.0
Lymphocytes absolute	1.5		10 <sup>3</sup> /μl	0.8 - 4.0
Monocytes absolute	0.2		10 <sup>3</sup> /μl	< 1.2
Eosinophils absolute	0.0		10 <sup>3</sup> /μl	< 0.4
Basophils absolute	0.0		10 <sup>3</sup> /μl	0.0 - 0.1

#### Note:

Our reference values are adjusted to age and gender.  
Daily internal Quality Control within the required range  
(according to ISO 15189).

External Quality Control available on request.

^ non-accredited parameter

\* This investigation has been performed in a collaborating accredited laboratory (Germany).

Techn. Validation by  
Amira Fahd  
Chief Technician  
(DHA-LS-241791)

Dr. Nehmat ElBanna  
Specialist  
Clinical Pathology (U/S)  
(DHA-P-0084548)

PD Dr. med. habil. M. Jaksch  
Associate Professor  
Medical Director  
(DHA-LS-240710)

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<b>Coagulation (Citratd Plasma)</b>				
AT 3 activity (PHO)*	106		%	83 - 118
Fibrinogen (COAG)	286		mg/dl	180 - 450
LA screen (COAG) ^	35		sec	31 - 45
Protein C activity (PHO)*	83		%	>70
Protein S activity (COAG)*	53		%	52 - 118
PT (COAG)	74		%	70 - 130
INR (CALC)	1.25	high	ratio	0.85 - 1.20

INRs are calculated using the international normalized ratio formula including the lot depending reagent factor ISI. In rare cases, INRs are flagged, however the values should be considered normal.

PTT (COAG)	36.4		sec	26.4 - 37.5
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Please note that our reference range has slightly changed (06.07.2015).

<b>Proteins/Metabolites (EDTA-Plasma)</b>				
Homocysteine (PHO)	8.6		umol/l	<12.0
<b>Autoimmune Diagnostics (Serum)</b>				
Phospholipid IgG (EIA)	0.2		ratio	< 1.0
Phospholipid IgM (EIA)	0.2		ratio	< 1.0
ANA Screening (IFT)	< 1:100		titer	< 1:100

Please note that ANA IFT is a highly sensitive screening test and should always be included in the assessment of suspected connective tissue disorders. However some antibodies could be missed. We therefore recommend a combined strategy (ANA IFT & ANA profile).

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**Remarks:****Insurance:**

Analysis	Result	Flag	Units	Reference Range
<b>Genetics (EDTA)</b>				
Factor 2 mutation (PCR)*	negative		qualitative	negative
Factor 5 Leiden mutation(PCR)*	negative		qualitative	negative

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