



# 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 Hb-HPLC

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

Test Request Code: 1273  
Sample ID:  
Patient IDNo: 380027

Sampling Date / Time: 27.04.2016 / 16:05  
Receipt Date / Time: 27.04.2016 / 16:05

### Remarks:

### Insurance:

Analysis	Result	Flag	Units	Reference Range
<b>Haematology</b>				
<b>CBC (EDTA blood)</b>				
WBC	4.5		10 <sup>3</sup> /μl	4.0 - 10.0
RBC	4.30		10 <sup>6</sup> /μl	3.8 - 4.8
HGB	12.1		g/dl	12.0 - 15.0
HCT	37.7		%	36.0 - 46.0
MCV	84.7		fl	83.0 - 101.0
MCH	27.5		pg	27.0 - 32.0
MCHC	31.8		g/dl	31.5 - 36.0
PLT	223		10 <sup>3</sup> /μl	150 - 450
<b>Differential Count (manual)</b>				
Red cell morphology	normal			normal
<b>Haematology (EDTA blood)</b>				
<b>Hemoglobin HPLC</b>				
HbF	0.6		%	< 2.0
HbA1	84.0		%	> 80.0
HbA2	2.2		%	2.0 - 3.5
HbD	0.0		%	< 0.1
HbS	0.0		%	< 0.1
Please note that HbS represents the sickle cell hemoglobin.				
HbC	0.0		%	< 0.1
Hb-HPLC	-			

#### 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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**Remarks:****Insurance:****Analysis****Result****Flag**

## Units

## Reference Range

Iron metabolism: not done

Interpretation: Hb-HPLC shown no abnormality.

Please note that we have changed our HPLC reporting without adjusting HbA1 and other fractions to 100%. We use the analyzer printout which will not result in 100% as some smaller fractions are not recognized.

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