



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

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

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Physician:

Dr. M. Jaksch
Freiburg Medical Lab

Laboratory Report Online Version

Report Date: 27.04.2016

Patient Name: sample Diabetes profile

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

Test Request Code: 1278
Sample ID:
Patient IDNo: 380032

Sampling Date / Time: 27.04.2016 / 17:09
Receipt Date / Time: 27.04.2016 / 17:09

Remarks:**Insurance:**

Analysis	Result	Flag	Units	Reference Range
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Proteins/Metabolites (Serum)**Glucose (Recommendation of the American Diabetes Association)**

Glucose fasting (PHO)	83		mg/dl	70 - 99
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Please note that we have adjusted our reference ranges according to the recommendations of the American Diabetes Association:

Glucose Level
70 - 99 Normal fasting glucose
100 - 125 Impaired fasting glucose (pre-diabetes)
>126 Suspicion of diabetes

Please note that glucose in full blood without stabilizers such as NaF is only stable for 10 minutes. Please send us NaF blood.

Proteins/Metabolites (Serum)**Lipid Studies in mg/dl (Recommendations for Adults from the American Heart Association)**

Cholesterol, total (PHO)	221	high	mg/dl	100 - 199
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Normal: 100 - 199, Desirable: < 200, Borderline: 200 - 239, High Risk: >240

Triglycerides (PHO)	1315	high	mg/dl	< 150
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Normal: < 150, Borderline: 150 - 199, High: 200 - 499, Very High: >500

HDL Cholesterol, direct (PHO)	22.5	low	mg/dl	> 50
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Increased Risk Men: < 40, Increased Risk Women: < 50, Normal: 50 - 60, Optimal: > 60

LDL Cholesterol, direct (PHO)	36		mg/dl	< 100
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Optimal: < 100, Near Optimal: 100 - 129, Borderline: 130 - 159, High: 160 - 189 Very High: > 190

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
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Units

Reference Range

4.3-6.5 good control
6.6-7.5 satisfactory control
>7.5 unsatisfactory control

Our HbA1c method is performed according to the IFCC standard.
Please note, that the IFCC Standards are more sensitive and are able to recognize a pathologic Glucose tolerance at the earliest.
No sign of diabetic glucose metabolism (glycosylation).
Decreased HbA1c levels are observed in hemolytic anemia.

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