



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

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Physician:

Dr. M. Jaksch
Freiburg Medical Lab

Laboratory Report Online Version

Report Date: 28.04.2019

Patient Name: Cardiac risk sample report

Gender: Male
Date of Birth: 01.01.1963
Nationality:
Your ID:

Test Request Code: 956
Sample ID:
Patient IDNo: 379722

Sampling Date / Time: 07.04.2019 / 18:18
Receipt Date / Time: 07.04.2019 / 18:18

Remarks:

Insurance:

Analysis	Result	Flag	Units	Reference Range
Proteins/Metabolites (Plasma)				
Homocysteine (LCMS)*	7.6		umol/l	< 12.0
Proteins/Metabolites (Serum)				
CRP high sensitive (TURB)*	0.28	high	mg/dl	< 0.10
Cardiovascular risk: low < 0.1 medium 0.1 - 0.3 high > 0.3				
LDL, Oxidized (EIA)*	94		ng/ml	20 - 170
Please note, that our reference range has slightly changed.				
Lipoprotein (a) (TURB)	101.1	high	nmol/l	< 75.0
Please note that we have started using the Generation 2 assay. Therefore the unit as well as the reference range have changed.				
Proteins/Metabolites (EDTA blood)				
HbA1c acc. to IFCC (TURB)	37		mmol/mol	29 - 42
HbA1c acc. DCCT/NGSP (TURB)	5.6		%	4.8 - 6.0
Estimated avg. Glucose (CALC)	113		mg/dl	92 - 127

The American Diabetes Association (ADA) suggests an HbA1c level of 7% DCCT (53mmol/mol IFCC) and below (reflecting an average glucose level of 154mg/dl) as the therapeutic target. However, more or less stringent glycemic goals may be appropriate for each individual (please refer to the ADA website: www.diabetes.org).

ADA defines the cut-off point for HbA1c in the diagnosis of diabetes

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 parameter is affected by Biotin intake of >5 mg
(RDI = 0.03mg)

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

Techn. Validation by
Med. Technologist
(Supervisor of
the Department)

Dr. Nehmat EIBanna
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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Units

Reference Range

at 6.5% DCCT (48 mmol/mol IFCC).

Please note that we have adjusted the unit according to the recommendation of the IFCC. Reference HbA1c (IFCC/NGSP). Source: www.ngsp.org/docs/IFCCstd.pdf

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