



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: 17.11.2018

Patient Name: NBS low G6PD

Gender: Female

Date of Birth: 15.11.2018

Nationality:

Your ID:

Test Request Code: 1817

Sample ID:

Patient IDNo: 380525

Sampling Date / Time: 17.11.2018 / 00:00

Receipt Date / Time: 17.11.2018 / 12:34

Remarks:

Insurance:

Analysis	Result	Flag	Units	Reference Range
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Exclusion of Metabolic Diseases (Filter card)

Week of gestation	39
Newborn screening*	see text

No sign of the following disorders:

Amino Acid related disorders such as: Phenylketonuria (PKU),

Hyperphenylalaninaemia, Maple syrup disease etc.

Fatty acid oxidation disorders and other disorders recognized in the acylcarnitine spectrum: e.g. MCAD, LCAD, VLCAD

Other screened disorders: e.g. Hypothyreosis, AGS, Biotinidase deficiency,

Galactosaemia, G6PDH Deficiency, Cystic Fibrosis, Hemoglobinopathies

(HbS, HbC, HbD, HbE, HbH/HbBarts, HbO, HbLepore, HbG, beta-Thalassaemia)

Methods: MS-MS, FIA, Photometry, Capillary Electrophoresis

Please note that the best time of collecting blood for NBS is 36-72 hours after birth.

Amino Acids (PKU etc.)*	normal		quantitative	normal
Acylcarnitines (Fatty acids)*	normal		quantitative	normal
TSH (Hypothyreodism)*	normal		quantitative	normal
17a-OH-Progesterone (AGS)*	normal		quantitative	normal
Galactose (Galactosemia)*	normal		quantitative	normal
Biotinidase (Biot.deficiency)*	normal		quantitative	normal
Glucose-6-PDH*	decreased		quantitative	normal
Glucose-6-PDH (FIA)*:	0.51	low	U/g Hb	(RR: >2.6)
Immunoreactive Trypsin*	normal		quantitative	normal
Hemoglobin Screening*	normal		quantitative	normal

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

PD Dr. med. habil. M. Jaksch
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Medical Director
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