G6PDH^

General:

The G-6-PDH is an enzyme of the pentose phosphate cycle and is involved in the regeneration of NAPDH. The hereditary deficiency (Synonym: favism) may lead to hemolytic crises (e.g. the consumption of fava beans, drugs, e.g. primaquine and chloroquine; sulfonamide, acetylsalicylic acid). The transmission is X-chromosomally inherited and occurs more often in the Mediterranean area. The symptoms are generally more severe in males than in female heterozygotes. Further pathological laboratory findings: spherocytosis, Heinz bodies, osmotic resistance reduction, Hb anomalies (Hb electrophoresis).

Indication:	Favism
Material:	2 ml EDTA blood
Stability:	7 days at 2 to 8°C
TAT:	1- 2 days, FML
Method:	photometry
Units:	U/g Hb
Ref.- range:	>7.9

For complete list of laboratory test offered at Freiburg Medical Laboratory, please visit http://www.fml-dubai.com/parameter-listings/

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Freiburg Medical Laboratory ME LLC is accredited according to DIN EN ISO 15189.

^ non-accredited parameter

*performed in a collaborating laboratory (Germany)