

G6PDH

General:

The G-6-PDH is an enzyme of the pentose phosphate cycle and is involved in the regeneration of NADPH. 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: 3 ml EDTA blood

TAT: 1 day, 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/>