

HbA1c hemoglobin HbA1

see also **Hemoglobin electrophoresis / Hemoglobin HPL**

General:

The glycated hemoglobin HbA1 is a naturally occurring hemoglobin component of adult hemoglobin and consists of several subfractions (HbA1a, HbA1b and HbA1c). As there is no enzyme in the erythrocytes, which splits glycated hemoglobin, the glycation persists irreversibly as long as the erythrocyte is alive (120 days). Thus HbA1c indicates the phases of past hyperglycemias and informs about glucose levels during the last 3 months.

Indication: Monitoring of glucose adjustment

Material: 3 ml EDTA blood

TAT: same day, FML

Stability: 7 days at 2 to 8°C

Method: HPLC

Units: %

Ref.- range: see report

Note: Our HbA1c is performed according to the IFCC Standard. The IFCC standards are more sensitive and are able to recognize a pathological glucose tolerance very early.

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