

# Uric acid

## General:

Uric acid is the final product of the purine metabolism. Elimination to 80% via kidneys and <20% by the GIT. Purine-rich food such as meat or high cell turnover result in elevated uric acid values.

The following tests are available:

- **Uric acid in serum**

Indication: gout, monitoring of gout treatment, hematological disorders, cytostatic therapy and irradiation.

Material: 1 ml serum

Stability: 5 days at 2 to 8°C

TAT: same day, FML

Method: photometric

- **Uric acid in urine**

Material: 10 ml random urine

Stability: 4 days at 15 to 25°C (upon NaOH addition) Do not refrigerate!

TAT: same day, FML

Method: photometric

Note: falsely decreased values in precipitating urates ('brick dust urine')

- **Uric acid in aspirate<sup>^</sup>**

Indication: Clarification of infection or hyperuricemia.

Material: 2 ml aspirate

TAT: same day, FML

Method: photometric

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