

# Opiates

## General:

Alkaloid mixtures of *Papaver somnifer* are called opiates. The toxicity is caused by the content of alkaloids (morphine, codeine, thebaine, papaverine, narcotine and others). Effects in case of acute abuse: euphoric, pain-reducing, relaxing, anticonvulsant, time and space changing impressions, dream stimulation.

Indication: Drug screening

The following tests are available:

- **Opiates in serum**

Material: 2 ml serum

TAT: 7-10 days\*

Method: GCMS

Units: µg/l

Ref.- range: <25

Note: The determination of the opiates in urine is more sensitive and recommended.

- **Opiates in urine, qualitative<sup>^</sup>**

Material: 10 ml urine

TAT: same day, fml

Stability: Urine specimen can be stored at 2 to 8°C prior to assay, For prolonged storage specimen may be frozen and stored below -20°C.

Method: EIA

Units: qualitative

Ref.- range: negative

- **Opiates in urine, quantitative**

Material: 10 ml urine

TAT: 7 -10 days\*

Method: GCMS

Units: µg/l

For complete list of laboratory test offered at Freiburg Medical Laboratory, please visit

<http://www.fml-dubai.com/parameter-listings/>