

LSD

General:

LSD, lysergic acid diethylamide, an alkaloid from the fungus *Claviceps pupura*, tasteless, hallucinogen. Available as pills, crystalline powder or in ampules s.c. or i.m. or dissolved in water; synthetic production is possible (LSD 25). LSD intake results in a delirious state with hallucinations of 8-10 hours and intensive color perception. Acute abuse: mydriasis, tachycardia, sweating, hyperreflexia, and nausea with vomiting. Dangerous are breathing depression and bradycardia. See also Drug screening.

The following tests are available:

- **LSD in urine (screening)**

Indication: Drug abuse

Material: 10 ml urine

TAT: 7-10 days*

Method: EIA

Units: $\mu\text{g Eq/l}$

Ref.- range: <0.50

- **LSD in urine (confirmation test)**

Material: 10 ml urine

TAT: 7-10 days*

Method: LCMS

Units: ng/l

Ref.- range: <20.0

- **LSD in serum**

Material: 1 ml serum

TAT: 7-10 days*

Method: LCMS

Units: ng/l

Ref.- range: <25.0

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

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