

Tetrahydro cannabinol THC

General:

The female plant of the Indian hemp (*Cannabis sativa indica*) is classified as cannabis, synonym hashish. It secretes a resinous liquid, containing cannabinoids with the main substances: cannabidiol, tetrahydrocannabinol (THC, the most important derivative) and cannabinol. The effect is serotonin-like, small dosages produce a predominantly relaxing effect, higher doses cause exciting or psychotic conditions. Also see Drug screening.

The following tests are available:

- **Cannabis, THC in urine, qualitative**

Indication: Suspicion of cannabis abuse, screening test

Material: 10 ml urine

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.

TAT: same day, FML

Method: EIA

Units: qualitative

Ref.- range: negative

Note: We recommend GCMS in order to confirm and quantify the positive immunoassay result.

- **Cannabis, THC in serum**

Material: 2 ml serum

TAT: 7-10 days*

Method: GCMS

- **Cannabis, THC in urine, quantitative**

Material: 10 ml urine

TAT: 7-10 days*

Method: GCMS

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