

Lithium Li

General:

Lithium salts are administered in the treatment of endogenous depression. Lithium is distributed without binding to plasma proteins; the resorption is almost complete and it is almost exclusively renally eliminated. After a period of approx. 1 week, when a balance between intra- and extracellular concentration is obtained, the plasma level can be controlled. Because of the low therapeutical range, regular controls of the plasma level are required.

Signs of intoxication: Psychological: slowing down, loss of motivation, quickly irritated, inner restlessness, memory disturbances, orientation disturbances, state of confusion; Neurological: tremor, dysarthria, nystagmus, dizziness, ataxia, hyperreflexia, muscular fasciculations and fibrillations, dyskinesia; Intestinal: stomach cramps, diarrhea; Renal: oliguria, anuria, shock, thirst.

Indication: control of patient compliance and dosage

Material: 1 ml serum

TAT: 5-7 days*

Method: PHO

Units: mmol/l

Ref.- range: see report

Note: During long-term treatment, a lithium induced development of euthyreotic goiter is observed

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

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