

Digoxin

General:

Half-life is approx. 40 hours in adults, cumulation in renal insufficiency up to 120 hours, time to the maximum serum concentration is approx. 60-90 min. after oral intake. Elimination predominantly renally to 75-80 %, hepatically only 20-25 %, protein binding 20-40 %.

Indication: Therapy monitoring, suspicion of intoxication

Material: 1 ml serum

Preanalytics: blood collection at least 8 hours after the last medication.

TAT: 5-7 days*

Method: PHO

Units: µg/l

Ref.- range: 0.80 - 2.00

Note: Hyperkalemia and hypermagnesemia cause effect reduction, hypokalemia and hypercalcemia trigger the effect.

If the patient is taking multivitamins or dietary supplements containing high dose of Biotin (> 5 mg), the patient should stop taking it for at least 24 hours , before having the blood collection.

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