

Patient Name : Mr MR.DUMMY	Sample Collected : Apr 26, 2024, 01:00 PM
DOB/Age/Gender : 23 Y/Male	Report Date : May 03, 2024, 05:07 PM
Patient ID / UHID : 8052284/RCL7248984	Barcode No : ZC616198
Referred By : Dr. X	Report Status : Final Report
Sample Type : Serum	

Test Description	Value(s)	Unit(s)	Reference Range
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Digoxin

DIGOXIN, SERUM ECLIA	1.0	ng/mL	0.6 - 1.2
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Interpretation:

RESULT IN ng/mL	Remark
0.61.2	The recommended therapeutic range.
>2.0	Toxic range

Note

- Gastrointestinal absorption is decreased in Sprue, Small intestinal resection, high fibre diets, Hyperthyroidism and increased gastrointestinal motility
- Co-administration of Cyclosporine, Protease inhibitors, Quinidine or Verapamil prolongs rate of clearance requiring dose adjustment

Comments

Digoxin is a commonly used drug in the management of Congestive heart failure and Supraventricular tachycardia. Increased sensitivity to Digoxin is noted in states of Hypokalemia, Hypomagnesemia and Hypercalcemia making establishment of true therapeutic concentration difficult because all parameters are interactive. There is a difference between peak plasma concentration and peak tissue concentration of Digoxin. Clinically effective range for Digoxin is not determined at the peak plasma concentration (2-3 hours after oral dose), but rather at the time of peak tissue concentration (6-8 hours after oral dose). To ensure a correlation between plasma and tissue concentrations the appropriate time to collect the specimen is 8 hours or more after the dose.

*** End Of Report ***

Disclaimer: Method given in report are only indicative and can be changed depending upon type of machine and kit available at time of testing.

Not all tests at all locations are under NABL scope. Availability of tests under NABL scope varies from lab to lab.



Dr. Dummy



Booking Centre :- DEMO PARTNER CHENNAI, DEMO PARTNER CHENNAI
Processing Lab :-

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All Lab results are subject to clinical interpretation by qualified medical professional and this report is not subject to use for any medico-legal purpose.

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