

Patient Name	: Mr MR.DUMMY	Sample Collected	: Apr 26, 2024, 01:00 PM.
DOB/Age/Gender	: 23 Y/Male	Report Date	: May 08, 2024,10:16 AM.
Patient ID / UHID	: 8052608/RCL7249167	Barcode No	: ZC665754
Referred By	: Dr. X	Report Status	: Final Report
Sample Type	: Serum		

Oxcarbazepine Metabolite

Test Name	Value	Unit	Reference Range
Oxcarbazepine	4.37	mg/L	
10-hydroxycarbazepine	12.32	mg/L	6-10
Oxcarbazepine + 10-hydroxycarbazepine (Calculated)	16.69	mg/L	10-35

Interpretations:

- Oxcarbazepine (OCBZ-Trileptal) has been approved for therapy of partial seizures with and without secondarily generalized seizures in adults and as adjunctive therapy for partial onset seizures in children ages 4 to 16.
- OCBZ is a prodrug that is almost immediately and completely metabolized to 10-hydroxy-10,11-dihydrocarbamazepine known as monohydroxycarbamazepine (MHC), the metabolite responsible for OCBZ's therapeutic effect.
- The elimination half-life is 1.0 to 2.5 hours for OCBZ and 8 to 10 hours for MHC.

References :

1. TIETZ, Fundamentals of Clinical Chemistry : Sixth edition.
2. Pharmacopsychiatry 44; 2011, 195-235.

*** 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



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 Processing Lab :-

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