



LABORATORY REPORT

NAME : MR.BC0271 REFERRED BY : SELF VISIT NO : VAMP26148177  
AGE : 40Y 0M 0D ZERO TARIFF CLIENT CODE COLLECTED ON : 21-04-2026 10:00  
GENDER : Male LAB MR# : AAMP01479456 RECEIVED ON : 21-04-2026 19:51  
OP / IP / DG # : APPROVED ON : 22-04-2026 17:54  
REPORT STATUS : Final Report



Test Name	Result	Biological Ref. Interval	Unit
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BIOCHEMISTRY

Lithium (Serum)

Lithium 1.02 0.30 - 1.50 mmol/L  
ISE

Interpretation:

Lithium is available commercially as citrate and carbonate salts. Lithium salts are considered to be anti -manic agents and are used for the prophylaxis and treatment of bipolar disorder (Manic depressive psychosis). In addition, lithium is considered by some investigators to be the drug of choice for prevention of chronic cluster headache and may also be effective in episodic or periodic forms of cluster headache. Complete absorption of lithium occurs after 6-8 hrs of oral administration. Plasma half life varies from 17-36 hrs and onset of action is slow (5-10 days). Since lithium shows delayed and varied tissue distribution, symptoms of acute intoxication may not correlate well with serum levels. Toxicity may occur acutely as a result of single toxic dose or chronically from high / prolonged dosages of lithium. Fever, diarrhea, vomiting, diuretics and pyelonephritis are contributing factors in underlying chronic intoxication. Renal toxicity and hypothyroidism are also known side effects of lithium administration. Thus it is advisable to monitor creatinine and TSH levels periodically in patients on lithium.

Sanjeeta

Dr. Sanjeeta  
MBBS,MD (Biochemistry)  
Consultant Biochemist

Disclaimer:

1. All results released pertain to the specimen as received by the lab for testing and under the assumption that the patient indicated or identified on the bill/test requisition form is the owner of the specimen.
2. Clinical details and consent forms, especially in Genetic testing, histopathology, as well as wherever applicable, are mandatory to be accompanied with the test requisition form. The non-availability of such information may lead to delay in reporting as well as misinterpretation of test results. The lab will not be responsible for any such delays or misinterpretations thereof.
3. Test results are dependent on the quality of the sample received by the lab. In case the samples are preprocessed elsewhere (e.g., paraffin blocks), results may be compromised.
4. Tests are performed as per the schedule given in the test listing and in any unforeseen circumstances, report delivery may be affected.
5. Test results may show inter-laboratory as well as intra-laboratory variations as per the acceptable norms.
6. Genetic reports as well as reports of other tests should be correlated with clinical details and other available test reports by a qualified medical practitioner. Genetic counselling is advised in genetic test reports by a qualified genetic counsellor, medical practitioner or both.
7. Samples will be discarded post processing after a specified period as per the laboratory's retention policy. Kindly get in



AMPATH  
Central Reference Labor  
Door No. 1-100/1/CCH N  
Serilingampally  
Hyderabad



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touch with the lab for more information.			
8. If accidental damage, loss, or destruction of the specimen is not attributable to any direct or negligent act or omission on the part of Ampath Labs or its employees, Ampath shall in no event be liable. Ampath lab's liability for a lack of services, or other mistakes and omissions, shall be restricted to the amount of the patient's payment for the pertinent laboratory services.			

