

LPL - PRODUCTION TEST COLLECTION  
CENTRE  
SECTOR - 18, BLOCK-E ROHINI  
DELHI 110085

Name	:	DUMMY			Collected	:	29/5/2021 1:37:00AM	
Lab No.	:	DUMMYB069	Age: 25 Years	Gender: Male	Received	:	29/5/2021 4:26:37PM	
					Reported	:	1/6/2021 1:25:28PM	
A/c Status	:	P	Ref By :	DR. DUMMY DUMMY		Report Status	:	Final

Test Name	Results	Units	Bio. Ref. Interval
LITHIUM, SERUM (Colorimetric)	0.50	mmol/L	0.40 - 1.20

### Interpretation

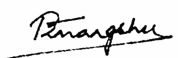
STATE	REFERENCE RANGE IN mmol/L
Normal	0.40-1.20
warning	1.20-1.50
Risk of intoxication	>1.50

### Note

It is recommended to use a standard 12 hour post dose Lithium concentration to assess adequate therapy.

### Comments

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.



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Biochemical Genetics  
NRL - Dr Lal PathLabs Ltd

-----End of report -----



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<b>A/c Status</b>	: P	<b>Ref By :</b> DR. DUMMY DUMMY	<b>Reported</b> : 29/5/2021 4:26:37PM
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**IMPORTANT INSTRUCTIONS**

\*Test results released pertain to the specimen submitted.\*All test results are dependent on the quality of the sample received by the Laboratory.  
\*Laboratory investigations are only a tool to facilitate in arriving at a diagnosis and should be clinically correlated by the Referring Physician.\*Sample repeats are accepted on request of Referring Physician within 7 days post reporting.\*Report delivery may be delayed due to unforeseen circumstances. Inconvenience is regretted.\*Certain tests may require further testing at additional cost for derivation of exact value. Kindly submit request within 72 hours post reporting.\*Test results may show interlaboratory variations.\*The Courts/Forum at Delhi shall have exclusive jurisdiction in all disputes/claims concerning the test(s) & or results of test(s).\*Test results are not valid for medico legal purposes. \*Contact customer care Tel No. +91-11-39885050 for all queries related to test results.  
(#) Sample drawn from outside source.

