

LPL - LPL-ROHINI (NATIONAL REFERENCE  
LAB)  
SECTOR - 18, BLOCK -E ROHINI  
DELHI 110085

Name	: DUMMY--G149	Collected	: 18/5/2018 7:01:00AM
Lab No.	: LPLT12478	Age: 15 Years	Gender: Male
A/c Status	: P	Ref By : -----	Report Status :
		Received	: 20/6/2018 11:04:06AM
		Reported	: 6/7/2018 1:08:59PM

Test Name	Results	Units	Bio. Ref. Interval
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**ARGINASE, WHOLE BLOOD**

(Spectrophotometry)

Arginase Activity Erythrocytes

Patient value	U/g Hb	50.00 - 90.00
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Control value	U/g Hb	
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- Note:** 1. Results should be clinically correlated as individual / biological variations can affect the test results  
2. Genetic counseling available with prior appointment at Department of Genetics, National Reference Lab, New Delhi

**Comments**

Urea Cycle disorders (UCD) are a group of autosomal recessive inherited disorders of amino acid metabolism that result when any of the enzymes of the urea cycle are deficient or show reduced activity. Arginase is one of the enzymes of the urea cycle whose deficiency results in accumulation of ammonia which can be toxic to the nervous system. Infants with complete enzyme deficiency appear normal at birth, but as ammonia rises they present with lethargy, seizures, hyper or hypoventilation and coma. Partial enzyme deficiency manifests later in life and these individuals present with episodes of psychosis, lethargy, cyclical vomiting and behavioral abnormalities. UCD should be suspected when ammonia is elevated but anion gap and glucose levels are normal.

Dr. Nimmi Kansal  
MD (Biochemistry)  
HOD Biochem & IA - NRL

Result/s to follow:  
ARGINASE, WHOLE BLOOD



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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.

