

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

Name	: DUMMY	Collected	: 29/5/2021 1:37:00AM
Lab No.	: DUMMYG185	Age: 25 Years	Gender: Male
A/c Status	: P	Ref By : DR. DUMMY DUMMY	Report Status : Final
		Received	: 29/5/2021 4:27:35PM
		Reported	: 1/6/2021 4:40:35PM

Test Name	Results	Units	Bio. Ref. Interval
HHH SYNDROME; HYPERORNITHINEMIA - HYPERAMMONEMIA - HOMOCITRULLINURIA SYNDROME (LC-MS/MS, GC-MS)			
AMINO ACID (LC-MS/MS, GC-MS)			
Homocitrulline	32.00	umol/g creatinine	3.00 - 52.00
Ornithine	32.00	umol/g creatinine	<24.00
OROTIC ACID, URINE (GC-MS)			
Orotic Acid – 3TMS	23.00	%	<0.30
Uracil – 2TMS	23.00	%	<2.80

Note

1. Unit for analyte measurement is Relative Peak Area to Internal Standard
2. Results should be clinically correlated as individual / biological variations can affect the test results
3. Genetic counseling available with prior appointment at Department of Genetics, National Reference Lab, New Delhi

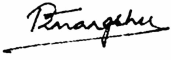


Comments

Hyperornithinemia - Hyperammonemia - Homocitrullinuria (HHH) Syndrome is a defect of Urea cycle metabolism inherited as an autosomal recessive disorder. It may be present at birth, during childhood or even adulthood. Hyperammonemia occurs postprandially and is elevated on a high protein diet but may be normal in fasting condition or on a low protein diet. The disorder is characterized by lethargy, poor feeding, vomiting and tachypnea in neonates. Chronic neurocognitive deficit, acute encephalopathy and chronic liver dysfunction is seen in infancy, childhood or adulthood. Raised Ornithine levels and elevated Ornithine / Citrulline ratio in blood are confirmed by this test. Urine Orotic acid and Homocitrulline, a metabolite of ornithine are also elevated.



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Test Name	Results	Units	Bio. Ref. Interval
			
Dr Himangshu Mazumdar MD, Biochemistry Senior Consultant - Clinical Chemistry & Biochemical Genetics NRL - Dr Lal PathLabs Ltd	Dr.Kamal Modi MD, Biochemistry Consultant Biochemist NRL - Dr Lal PathLabs Ltd	Dr Nimmi Kansal MD, Biochemistry National Head - Clinical Chemistry & Biochemical Genetics NRL - Dr Lal PathLabs Ltd	

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

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.

