

Patient Name	:		Bill Date	:	
DOB/Age/Gender	:		Sample Collected	:	
Patient ID / UHID	:		Sample Received	:	
Referred By	:		Report Date	:	
Sample Type	:		Report Status	:	
Barcode No	:				

Test Description	Value(s)	Unit(s)	Reference Range
------------------	----------	---------	-----------------

BIOCHEMISTRY REPORT

Methylmalonic Acid, Quantitative

Methylmalonic Acid, Quantitative Method : (LC-MS/MS)	234.0	nmol/L	50.00 - 440.00
---	-------	--------	----------------

Interpretation:

Note

1. Diet, nutritional status & age should be considered in the evaluation of urine MMA levels.
2. Organic acid quantitation by Tandem Mass Spectrometry is recommended in children for all positive results
3. Results should be clinically correlated as individual / biological variations can affect the test results
4. Genetic counseling available with prior appointment at Department of Genetics, National Reference Lab, New Delhi

Comments

Vitamin B12 can be detected through estimation of Methylmalonic Acid (MMA) even when deficiency symptoms of Vitamin B12 are present in an individual but serum B12 levels are normal. MMA is a sensitive indicator which detects early Vitamin B12 deficiency. In pediatric patients, elevated MMA values indicate a probable Methylmalonic acidemia whereas in adults, it is indicative of cobalamin deficiency.



Sohini Sengupta

Dr. Sohini Sengupta
MD (Cl Biochemistry), DNB,
FNB (Lab Medicine)
Medical Laboratory Director
HOD (Biochemistry & Special Assays)

Booking Centre :- AFRICRYSTALCARE MEDICAL CENTRE, AFRICRYSTALCARE MEDICAL CENTRE
Processing Lab :- Redcliffe Lifetech Pvt. Ltd., H-55, Sector-63, Noida, Uttar Pradesh - 201301

Terms and Conditions of Reporting

1. The presented findings in the Reports are intended solely for informational and interpretational purposes by the referring physician or other qualified medical professionals possessing a comprehensive understanding of reporting units, reference ranges, and technological limitations. The laboratory shall not be held liable for any interpretation or misinterpretation of the results, nor for any consequential or incidental damages arising from such interpretation.
2. It is to be presumed that the tests performed pertain to the specimen/sample attributed to the Customer's name or identification. It is presumed that the verification particulars have been cleared out by the customer or his/her representation at the point of generation of said specimen / sample. It is hereby clarified that the reports furnished are restricted solely to the given specimen only.
3. It is to be noted that variations in results may occur between different laboratories and over time, even for the same parameter for the same Customer. The assays are performed and conducted in accordance with standard procedures, and the reported outcomes are contingent on the specific individual assay methods and equipment(s) used, as well as the quality of the received specimen.
4. This report shall not be deemed valid or admissible for any medico-legal purposes.
5. The Customers assume full responsibility for apprising the Company of any factors that may impact the test finding. These factors, among others, includes dietary intake, alcohol, or medication / drug(s) consumption, or fasting. This list of factors is only representative and not exhaustive.

DISCLAIMER

This is a sample report provided for demonstration purposes only and does not represent an actual patient report. Test results, reference ranges, methodologies, instrumentation, and report formats may vary depending on the laboratory performing the test. The format and representation shown are indicative of reports generated by the National Reference Laboratory of Redcliffe Labs, Noida. This sample report should not be used for medical interpretation, diagnosis, or treatment decisions.