

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

BIOCHEMISTRY REPORT
Vanillylmandelic Acid (VMA), 24 Hrs Urine

VMA-Vanillyl Mandelic Acid, urine	0.87	mg/L	
Urine volume in 24 hours	859	ml	
Urine volume in 24 hours (Calculated)	0.86	L	
VMA-Vanillyl Mandelic Acid, urine in 24 hrs	0.75	mg/24 hrs	0 - 8
Creatinine, Urine by Jaffe Method	26.5	mg/dL	
Creatinine, Urine by Jaffe Method (Calculated)	0.27	mg/g Creatinine	
VMA – ratio to creatinine	3.22	mg/g Creatinine	<8.0

Test description:

VMA is the major end-product of Nor epinephrine and epinephrine metabolism.

Test Interpretation:

VMA, urine is used as a screening test in children for catecholamine-secreting tumors (e.g neuroblastoma, pheochromocytoma, and other neural crest tumors)

VMA test supports diagnosis of neuroblastoma and helps in monitoring patients treated for neuroblastoma

Results should be clinically co-related with other investigations

Test limitations:

Slight to moderate elevated VMA can be caused by a variety of factors such as essential hypertension, intense anxiety, intense physical exercise and numerous drug interactions (including some over-the-counter medications and herbal products).

Medications that may interfere with VMA include amphetamines and amphetamine-like compounds, appetite suppressants, bromocriptine, buspirone, caffeine, chlorpromazine, clonidine, disulfiram, diuretics (in doses sufficient to deplete sodium), epinephrine, glucagon, guanethidine, histamine, hydrazine derivatives, imipramine, levodopa (L-dopa, Sinemet), lithium, MAO inhibitors, melatonin, methyl dopa (Aldomet), morphine, nitroglycerin, nose drops, propafenone (Rythmol), radiographic agents, rauwolfia alkaloids (Reserpine), tricyclic antidepressants, and vasodilators.

The VMA to creatinine ratio should be considered for clinical co-relation when the urine volume is less than 400 ml per 24 hrs



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Processing Lab :- Redcliffe Lifetech Pvt. Ltd., H-55, Sector-63, Noida, Uttar Pradesh - 201301

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