



VANILLYLMANDELIC ACID (VMA), URINE

Synonym(s):

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Lab Section Category	Clinical Biochemistry Click here to find out more about the write-up (/clinical-departments-centers/pathology/pathology-handbook/lab-discipline-special-instructions/pages/clinical-biochemistry.aspx).
Specimen Required	24 hr urine in 15 mL 50% HCl Minimum aliquot volume : 30 mL urine
Method	High Performance Liquid Chromatography
Reference Interval/Value	0 – 1 yr : < 10.7 µmol/mmol creatinine 2 – 4 yrs : < 6.3 µmol/mmol creatinine 5 – 9 yrs : < 4.7 µmol/mmol creatinine 10 – 19 yrs : < 4.7 µmol/mmol creatinine ≥ 20 yrs : 0 - 34.3 µmol/day
Turnaround Time	Mean = 7 days, Range: 3 – 11 days
Day(s) Test Set up	Monday – Friday

Remarks	<p>Instructions before sampling:</p> <p>Patients should abstain from the following at least 3 days prior to and during urine specimen collection:</p> <ul style="list-style-type: none">- intake of food like chocolates, coffee, tea, citrus fruits, and food containing vanilla and- Where medically allowable, drugs such as aspirin, drugs containing gentisic and homogentisic acid, antihypertensive drugs, methyldopa, glyceryl trinitrate, chlorpromazine, L-Dopa, epinephrine, norepinephrine, prochlorperazine, reserpine, disulfiram, guanethidine, imipramine, MAO inhibitors, radiographic dyes (for IV pyelography) <p>Total 24-hour urine volume must be clearly indicated.</p>
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