



HOMOVANILLIC ACID (HVA), 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 specimen in 15 mL 50% HCl or random urine. Minimum aliquot volume : 30 mL urine
Method	High Performance Liquid Chromatography
Reference Interval/Value	0 – 1 yr : < 20.2 µmol/mmol creatinine 2 – 4 yrs : < 13.6 µmol/mmol creatinine 5 – 9 yrs : < 9.4 µmol/mmol creatinine 10 – 19 yrs : < 7.9 µmol/mmol creatinine ≥ 20 yrs : 0 - 34.1 µmol/day
Turnaround Time	Mean = 7 days, Range: 3 - 11 days
Day(s) Test Set up	Monday – Friday

Remarks	Instructions before sampling: Where medically allowable, patient should avoid taking moclobemide, aspirin, disulfiram, levodopa, pyridoxine and reserpine 3 days prior to and during specimen collection. Total 24-hour urine volume must be clearly indicated.
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