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CATECHOLAMINES, URINE (EPINEPHRINE, NOREPINEPHRINE and DOPAMINE)

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	≥ 20 yrs Epinephrine: 3-109 nmol/day ≥ 20 yrs Norepinephrine: 89-473 nmol/day ≥ 20 yrs Dopamine: 424-2612 nmol/day For subjects 19 yrs and below, results are expressed as per mmol creatinine (see individual tests)
Turnaround Time	Mean = 7 days, Range: 3 - 11 days
Day(s) Test Set up	Monday - Friday

Remarks	<p>Instructions before sampling:</p> <p>Patient should abstain from the following at least 2 days prior to and during urine specimen collection:</p> <ul style="list-style-type: none">- intake of food like chocolate, coffee, banana, food containing vanilla, citrus fruits and- where medically possible, drugs such as aspirin, α-methyldopa (Aldomat), isoproterenol, labetalol, mandelamine, metocloproamide, acetaminophen and cimetidine. If the patient cannot be completely removed from a drug regimen, test result should be interpreted with appropriate judgement based on expected physiological response to these drugs. <p>Total 24-hour urine volume must be clearly indicated.</p>
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