

CATECHOLAMINES,  
URINE

## Orderable - CATU24

Turn Around Time: 9 days

### Alternate Name(s):

Epinephrine  
Norepinephrine  
Dopamine  
Adrenalin  
Noradrenalin

### Specimen:

24-hour urine

### Collection Information:

#### [Collection of 24-Hour Urine Sample](#)

[24-Hour Urine Diet and Medication Restrictions: 5-HIAA, Catecholamines, Metanephrines, VMA/HVA, Serotonin](#)

Collect urine over a 24-hour period in a container with 30 mL of 6 N HCl for adult samples or 15 mL of 6 N HCl for pediatric samples

### Reference Ranges:

Epinephrine (nmol/day):	
Age	Range
<1 year:	0-14
1-<2 years:	0-19
2-<4 years:	0-33
4-<10 years:	1-55
10-<16 years:	3-109
≥16 years:	0-120



**Laboratory:**  
Core Lab



**Requisition:**  
GENERAL LABORATORY  
REQUISITION



**Method of Analysis:**  
LC-MS/MS



**Test Schedule:**  
Referred out Monday -  
Friday



**Referred Out Location:**  
[Dynacare Laboratories](#)


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<b>Norepinephrine (nmol/day):</b>	
<b>Age</b>	<b>Range</b>
<1 year:	0-59
1-<2 years:	6-100
2-<4 years:	24-171
4-<7 years:	47-266
7-<10 years:	77-384
≥10 years:	66-660

<b>Dopamine (nmol/day):</b>	
<b>Age</b>	<b>Range</b>
<1 year:	0-555
1-<2 years:	69-914
2-<4 years:	261-1697
≥4 years:	400-3200

### Special Processing:

Transfer a 50-mL aliquot of the measured urine to a sterile container.

### Storage and Shipment:

Store and ship refrigerated.