

METANEPHRINES,  
URINE

## Orderable - METU24

Turnaround Time: 5 days

### Alternate Name(s):

Metanephrine  
Normetanephrine  
3-methoxytyramine  
Fractionated metanephrines  
Total (conjugated and unconjugated) metanephrines

### Specimen:

24-hour urine

### Collection Information:

[Collection of a 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.

**It is also acceptable for the urine to be collected without acid if metanephrines are the only test ordered.**

### Reference Ranges:

Metanephrine	≤ 1.5 µmol/day
Normetanephrine	≤ 2.9 µmol/day
3-Methoxytyramine	≤ 2.4 µmol/day

### Special Processing:

Transfer an aliquot (minimum of 2 mL) of the measured urine to a 5-mL Greiner tube.

### Storage and Shipment:

Store and ship urine aliquot refrigerated.



**Laboratory:**  
Toxicology/Special  
Chemistry Lab



**Requisition:**  
GENERAL LABORATORY  
REQUISITION



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



**Test Schedule:**  
Monday – Friday  
0800-1600