

# Metanephrines, Fractionated, 24 Hour, Urine

**Test ID:** METAF

**Explanation:** The reference values for METAF will change on the effective date.

Current Reference Value	New Reference Value
<b>METANEPHRINE</b> <b>Males</b> Normotensives 3-8 years: 29-92 mcg/24 h 9-12 years: 59-188 mcg/24 h 13-17 years: 69-221 mcg/24 h > or =18 years: 44-261 mcg/24 h Reference values have not been established for patients that are younger than 36 months.  Hypertensives: <400 mcg/24 h  <b>Females</b> Normotensives 3-8 years: 18-144 mcg/24 h 9-12 years: 43-122 mcg/24 h 13-17 years: 33-185 mcg/24 h > or =18 years: 30-180 mcg/24 h Reference values have not been established for patients that are younger than 36 months.  Hypertensives: <400 mcg/24 h  <b>NORMETANEPHRINE</b> <b>Males</b> Normotensives 3-8 years: 34-169 mcg/24 h 9-12 years: 84-422 mcg/24 h 13-17 years: 91-456 mcg/24 h 18-29 years: 103-390 mcg/24 h 30-39 years: 111-419 mcg/24 h 40-49 years: 119-451 mcg/24 h 50-59 years: 128-484 mcg/24 h 60-69 years: 138-521 mcg/24 h > or =70 years: 148-560 mcg/24 h Reference values have not been established for patients that are younger than 36 months.  Hypertensives: <900 mcg/24 h	Metanephrine <b>Males</b> Normotensives: 3-8 years: 29-92 mcg/24 h 9-12 years: 59-188 mcg/24 h 13-17 years: 69-221 mcg/24 h > or =18 years: 44-261 mcg/24 h Reference values have not been established for patients that are younger than 36 months.  Hypertensives: <400 mcg/24 h  <b>Females</b> Normotensives: 3-8 years: 18-144 mcg/24 h 9-12 years: 43-122 mcg/24 h 13-17 years: 33-185 mcg/24 h > or =18 years: 30-180 mcg/24 h Reference values have not been established for patients that are younger than 36 months.  Hypertensives: <400 mcg/24 h  Normetanephrine <b>Males</b> Normotensives: 3-8 years: 34-169 mcg/24 h 9-12 years: 84-422 mcg/24 h 13-17 years: 91-456 mcg/24 h 18-29 years: 103-390 mcg/24 h 30-39 years: 111-419 mcg/24 h 40-49 years: 119-451 mcg/24 h 50-59 years: 128-484 mcg/24 h 60-69 years: 138-521 mcg/24 h > or =70 years: 148-560 mcg/24 h Reference values have not been established for patients that are younger than 36 months.  Hypertensives: <900 mcg/24 h

## Females

### Normotensives

3-8 years: 29-145 mcg/24 h

9-12 years: 55-277 mcg/24 h

13-17 years: 57-286 mcg/24 h

18-29 years: 103-390 mcg/24 h

30-39 years: 111-419 mcg/24 h

40-49 years: 119-451 mcg/24 h

50-59 years: 128-484 mcg/24 h

60-69 years: 138-521 mcg/24 h

> or =70 years: 148-560 mcg/24 h

Reference values have not been established for patients that are younger than 36 months.

Hypertensives: <900 mcg/24 h

## TOTAL METANEPHRINE

### Males

#### Normotensives

3-8 years: 47-223 mcg/24 h

9-12 years: 201-528 mcg/24 h

13-17 years: 120-603 mcg/24 h

18-29 years: 190-583 mcg/24 h

30-39 years: 200-614 mcg/24 h

40-49 years: 211-646 mcg/24 h

50-59 years: 222-680 mcg/24 h

60-69 years: 233-716 mcg/24 h

> or =70 years: 246-753 mcg/24 h

Reference values have not been established for patients that are younger than 36 months.

Hypertensives: <1,300 mcg/24 h

## Females

### Normotensives

3-8 years: 57-210 mcg/24 h

9-12 years: 107-394 mcg/24 h

13-17 years: 113-414 mcg/24 h

18-29 years: 142-510 mcg/24 h

30-39 years: 149-535 mcg/24 h

40-49 years: 156-561 mcg/24 h

50-59 years: 164-555 mcg/24 h

60-69 years: 171-616 mcg/24 h

> or =70 years: 180-646 mcg/24 h

Reference values have not been established for patients that are younger than 36 months.

Hypertensives: <1,300 mcg/24 h

## Females

### Normotensives

3-8 years: 29-145 mcg/24 h

9-12 years: 55-277 mcg/24 h

13-17 years: 57-286 mcg/24 h

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> or =70 years: 148-560 mcg/24 h

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Hypertensives: <900 mcg/24 h

## Total Metanephrine

### Males

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3-8 years: 47-223 mcg/24 h

9-12 years: 201-528 mcg/24 h

13-17 years: 120-603 mcg/24 h

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## Questions

Contact Joshua Yang, Laboratory Resource Coordinator at 800-533-1710.