

Patient Information	Specimen Information	Client Information

**Urine Volume (mL) / Duration (HR):**

Test Name	In Range	Out Of Range	Reference Range	Lab
METANEPHRINES, FRACT. LC/MS/MS, 24 HR URINE 24 HR URINE VOLUME	1700		mL	
<b>METANEPHRINE</b>		<b>57 L</b>	90-315 mcg/24h	

This specimen was submitted with a pH greater than 6.0. Optimum pH for this assay is 1.0-6.0. Improper preservation may compromise the validity of the assay.

This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics Nichols Institute Chantilly, VA. It has not been cleared or approved by the U.S. Food and Drug Administration. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.

NORMETANEPHRINE	188		122-676 mcg/24h	
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METANEPHRINES, TOTAL	246		224-832 mcg/24h	
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A four fold elevation of urinary normetanephrines is extremely likely to be due to a tumor, while a four fold elevation of urinary metanephrines is highly suggestive, but not diagnostic of the tumor. Measurement of plasma Metanephrines and Chromogranin A is recommended for confirmation.

**PERFORMING SITE:**