Metanephrines, Fractionated 24-Hour Urine

Order Name: **METANEPH U**
Test Number: 3800350
Revision Date: 12/12/2022

TEST NAME	METHODOLOGY	LOINC CODE
Metanephrine, Urine - per 24h	Quantitative HPLC/Tandem Mass Spectrometry	19049-6
Normetanephrine, Urine - per 24h	Quantitative HPLC/Tandem Mass Spectrometry	2671-6

SPECIMEN REQUIREMENTS

Specimen	Specimen Volume (min)	Specimen Type	Specimen Container	Transport Environment
Preferred	**10 mL aliquot (2.5 mL aliquot)**	**Urine, 24-hour**	**24 hour Urine Container**	**Room Temperature**

Instructions

Notes: 2.5 mL aliquot (Note: This volume Does NOT allow for repeat testing.)
Specimen Type: Plastic urine container with no preservative or 6N HCl.
Container Detail: No preserv
Specimen Storage: Room Temperature
Specimen Collection: Instruct the patient to void at 8 AM and discard the specimen. Then collect all urine including the final specimen voided at the end of the 24-hour collection period (ie, 8 AM the next morning). Screw the lid on securely. Label container with patient's name, date and time collection started, and date and time collection finished. Measure and record total 24-hour volume. Mix well; send aliquot. (HCl is an acceptable preservative if required for a concurrently collected assay. PeopleSoft item number for this container is *21584.)
Special Instructions: Record total 24-hour urine volume on the request form.
Specimen Stability: Ambient: 14 days, Refrigerated : 14 days, Frozen: 14 days

GENERAL INFORMATION

Testing Schedule	Sun-Sat
Expected TAT	3 - 6 days
Clinical Use	The diagnosis of pheochromocytoma can be confirmed by increased levels of the catecholamine metabolites, metanephrines, and vanillylmandelic acid (VMA). Urinary metanephrine determinations have been recommended as the most accurate screening method for patients suspected of having pheochromocytoma.
Notes	Labcorp Test Code: 004234
CPT Code(s)	82570; 83835
Service Provided By	labcorp Oklahoma, Inc.