

## 24 HR URINE TESTS

TEST	TESTING SITE	PRESERVATIVE
5- HIAA (SEROTONIN)	VGH	YES – ADD 15 ML HCL ADJUST TO PH 2-3
ADRENALINE – SEE <b>CATECHOLAMINES</b>		
ALDOSTERONE	ST. PAULS	NO
BENCE JONES (URINE ELECTROPHORESIS 24HR)	PGRH	NO
CALCIUM	PGRH	NO
<b>CATECHOLAMINES</b> INCLUDES: EPINEPHRINE NOREPINEPHRINE ADRENALINE NORADRENALINE DOPAMINE	VGH	YES – ADD 15 ML HCL ADJUST PH <2
CITRATE	VGH	NO
CORTISOL, FREE	VGH	NO
CREATININE	PGRH	NO
DOPAMINE SEE <b>CATECHOLAMINES</b>		
ELECTROPHORESIS SEE BENCE JONES		
EPINEPHRINE – SEE <b>CATECHOLAMINES</b>		
HEAVY METAL SCREEN ARSENIC LEAD MERCURY CADMIUM - NOT URINE, SEE COLLECTION MANUAL	VGH VGH BCCH BCCH	YES – ADD 15 ML HCL YES – ADD 15 ML HCL YES – ADD 15 ML HCL
LEAD	VGH	YES – ADD 20 ML HCL
MAGNESIUM	PGRH	YES – ADD 15 ML HCL ADJUST PH ≤1
MANGANESE	VGH	YES – ADD 15 ML HCL ADJUST PH 1-3
MERCURY	BCCH	YES – ADD 15 ML HCL ADJUST PH 2-4
<b>METANEPHRINES</b> INCLUDES NORMETANEPHRINES	VGH	YES – ADD 15 ML HCL ADJUST PH <2
MICROALBUMIN	PGRH	NO
NORADRENALINE SEE <b>CATECHOLAMINES</b>		
NOREPINEPHRINE SEE <b>CATECHOLAMINES</b>		
NORMETANEPHRINES SEE <b>METANEPHRINES</b>		
OXALATE	VGH	YES – ADD 15 ML HCL ADJUST PH <2
PHOSPHORUS	PGRH	NO
PROTEIN	PGRH	NO
SODIUM	PGRH	NO
POTASSIUM	PGRH	NO
URIC ACID	PGRH	NO
VMA (vanillylmandelic acid)	VGH	YES –ADD 15 ML HCL ADJUST PH 2-4 NOT <2

See next page for ward & patient instructions.

## **24 HOUR URINE COLLECTION FOR INPATIENTS**

The 24 hour urine specimen is all the urine produced by the body in a 24hr (1 day) period. It must be collected completely and timed accurately to ensure an accurate result.

Phone the Laboratory to obtain a 24 hour urine bottle. Please state the test that needs to be collected. Some tests need a preservative added into the bottle ahead of time.

Instructions for the patient:

- **Day 1**: Upon waking, patient should void first morning urine, completely emptying the bladder. Discard this urine. Note start time on requisition.
- For the next 24 hours, patient should void all urine into a clean collection vessel and immediately transfer urine into the specimen bottle provided by the Laboratory.

**CAUTION! This bottle may contain a corrosive preservative. Handle with care! DO NOT ALLOW THE PATIENT TO VOID DIRECTLY INTO THE BOTTLE. Use the collection vessel to transfer urine carefully into the bottle.**

- **Day 2** : Upon waking, patient should void all urine into a clean collection vessel and immediately transfer urine into the specimen bottle provided by the Laboratory. Secure the lid tightly. Note end time on requisition.

**THE 24HR URINE COLLECTION IS NOW COMPLETE.** Bring specimen to the Laboratory soon after collection is completed.

### **NOTE:**

- Refrigerate specimen during collection period.
- Keep bottle in upright position at all times.
- Do not fill past 3000 ml mark. Arrange to pick up another jug if needed.

If you have any questions or concerns, please contact the Laboratory.