**URATE, 24-HOUR URINE**

**Orderable – URU24**

**Turn Around Time:** 24 hours

**Alternate Name(s):**

Uric Acid

**Specimen:**

24-hour urine

**Collection Information:**

**Collection of 24-Hour Urine Sample**

No preservative is necessary, but specimen should be kept refrigerated during collection.

**Note:**

Acidified urine is unacceptable. A frozen specimen is also unacceptable.

Please complete the laboratory label attached to the collection bottle to include patient’s name, collection start time and date and collection end time and date.

**Reference Ranges:**

1.5-4.5 mmol/d

**Interpretive Comments:**

Urine urate levels reflect the amount of dietary purines and endogenous nucleic acid breakdown. Increased urine levels usually accompany increased blood levels unless there is decreased excretion by the kidneys. Only 50% of patients with uric acid stones have increased uric acid excretion.
Storage and Shipment:
Store in refrigerator then ship specimen on ice packs.