

# URINE TOXIC METALS



**PATIENT:** Number 55  
**SEX:** Male  
**AGE:** 53

## POTENTIALLY TOXIC METALS

| METALS    | RESULT<br>µg/g CREAT | REFERENCE<br>RANGE | WITHIN<br>REFERENCE RANGE | ELEVATED | VERY<br>ELEVATED |
|-----------|----------------------|--------------------|---------------------------|----------|------------------|
| Aluminum  | 24                   | < 25               |                           |          |                  |
| Antimony  | < dl                 | < 0.6              |                           |          |                  |
| Arsenic   | 23                   | < 120              |                           |          |                  |
| Beryllium | < dl                 | < 0.5              |                           |          |                  |
| Bismuth   | < dl                 | < 10               |                           |          |                  |
| Cadmium   | 2.8                  | < 2                |                           |          |                  |
| Lead      | 16                   | < 5                |                           |          |                  |
| Mercury   | 2.9                  | < 3                |                           |          |                  |
| Nickel    | 16                   | < 10               |                           |          |                  |
| Platinum  | < dl                 | < 1                |                           |          |                  |
| Thallium  | < dl                 | < 0.7              |                           |          |                  |
| Thorium   | < dl                 | < 0.3              |                           |          |                  |
| Tin       | < dl                 | < 9                |                           |          |                  |
| Tungsten  | 0.3                  | < 0.7              |                           |          |                  |
| Uranium   | < dl                 | < 0.1              |                           |          |                  |

## CREATININE

|            | RESULT<br>mg/dL | REFERENCE<br>RANGE | 2SD LOW | 1SD LOW | MEAN | 1SD HIGH | 2SD HIGH |
|------------|-----------------|--------------------|---------|---------|------|----------|----------|
| Creatinine | 30              | 45- 225            |         |         |      |          |          |

## SPECIMEN DATA

**Comments:**

|                           |                                |  |
|---------------------------|--------------------------------|--|
| Date Collected: 2/21/2006 | Method: ICP-MS                 | Collection Period: <b>timed: 6 hours</b> |
| Date Received: 2/23/2006  | <dl: less than detection limit | Volume: 2300 ml                          |
| Date Completed: 2/25/2006 | Provoking Agent: EDTA          | Provocation: <b>POST PROVOCATIVE</b>     |

Toxic metals are reported as µg/g creatinine to account for urine dilution variations. **Reference ranges are representative of a healthy population under non-challenge or non-provoked conditions.** No safe reference levels for toxic metals have been established.

V10.00