

Reporting Title: Selenium, B**Performing Location:** Rochester**Ordering Guidance:**

This test can be used to assess tissue stores of selenium. For routine assessment of selenium deficiency or toxicity, the preferred test is selenium urine.

For assessment of recent intake, order SES / Selenium, Serum.

Specimen Requirements:

Patient Preparation: High concentrations of gadolinium and iodine are known to interfere with most inductively coupled plasma mass spectrometry-based metal tests. If either gadolinium- or iodine-containing contrast media has been administered, a specimen should not be collected for at least 96 hours.

Container/Tube: Royal blue top (EDTA) plastic trace element blood collection tube

Specimen Volume: 0.8 mL

Collection Instructions:

1. See Metals Analysis Specimen Collection and Transport for complete instructions.
2. Send whole blood specimen in original tube. Do not aliquot.

Specimen Minimum Volume:

0.3 mL

| Specimen Type | Temperature | Time | Special Container |
|---------------|--------------------------|---------|-------------------|
| Whole blood | Refrigerated (preferred) | 28 days | |
| | Ambient | 28 days | |
| | Frozen | 28 days | |

Result Codes:

| Result ID | Reporting Name | Type | Unit | LOINC® |
|-----------|----------------|---------|-------|--------|
| 65600 | Selenium, B | Numeric | ng/mL | 5722-4 |

LOINC and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

84255

Reference Values:

0-17 years: Not established

> or =18 years: 150-241 ng/mL