

**TEST CHANGE**

**Manganese, Serum**

0099265, MANG

**Specimen Requirements:**

**Patient Preparation:** Diet, medication, and nutritional supplements may introduce interfering substances. Patients should be encouraged to discontinue nutritional supplements, vitamins, minerals, and non-essential over-the-counter medications (upon the advice of their physician).

**Collect:** Royal Blue (No Additive).

**Specimen Preparation:** Separate from cells ASAP or within 2 hours of collection. Transfer 2 mL serum to an ARUP Trace Element-Free Transport Tube (ARUP supply #43116) available online through eSupply using ARUP Connect(TM) or contact ARUP Client Services at (800) 522-2787. (Min: 0.5 mL)

**Transport Temperature:** Room temperature.

**Unacceptable Conditions:** Plasma. Specimens that are not separated from clot, within 2 hours. Separator tubes or Royal Blue (EDTA). Specimens transported in tubes other than specified. Hemolyzed specimens.

**Remarks:**

**Stability:** Ambient: Indefinitely; Refrigerated: Indefinitely; Frozen: Indefinitely

**Methodology:** Quantitative Inductively Coupled Plasma-Mass Spectrometry

**Performed:** Sun-Sat

**Reported:** 1-~~3~~5 days

**Note:**

**CPT Codes:** 83785

**New York DOH Approval Status:** This test is New York DOH approved.

**Interpretive Data:**

Elevated results may be due to skin or collection-related contamination, including the use of a noncertified metal-free collection/transport tube. If contamination concerns exist due to elevated levels of serum manganese, confirmation with a second specimen collected in a certified metal-free tube is recommended.

Less than 5 percent of manganese present in circulation resides in the serum.

This test was developed and its performance characteristics determined by ARUP Laboratories. It has not been cleared or approved by the US Food and Drug Administration. This test was performed in a CLIA certified laboratory and is intended for clinical purposes.

Reference Interval:

0.0- 2.0 µg/L

---