

TEST CHANGE

Manganese, Whole Blood

0099272, MANG WB

Specimen Requirements:

Patient Preparation: Diet, medication, and nutritional supplements may introduce interfering substances. Patient 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 (K2EDTA) or royal blue (NaHep).

Specimen Preparation: Transport 3 or 6 mL whole blood in the original collection tube. (Min: 0.5 mL)

Transport Temperature: Room temperature. Also acceptable: Refrigerated.

Unacceptable Conditions: Specimens collected in tubes other than royal blue (K2EDTA) or royal blue (NaHep). Specimens transported in containers other than a royal blue (K2EDTA) or royal blue (NaHep) tube or trace element-free transport tube. Clotted specimens.

Remarks:

Stability: Ambient: Indefinitely; Refrigerated: Indefinitely; Frozen: Unacceptable

Methodology: Quantitative Inductively Coupled Plasma-Mass Spectrometry (ICP-MS)

Performed: Sun-Sat

Reported: 1-3 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 tubes that are not certified to be trace element ~~a noncertified metal-free collection/transport tube~~. If an elevated result is suspected to be due to contamination ~~concerns exist due to elevated levels of blood manganese~~, confirmation with a second specimen collected in a certified trace element ~~metal~~-free tube is recommended.

Methodology: Inductively Coupled Plasma-Mass Spectrometry (ICP-MS).

Reference Interval:

4.2-16.5 µg/L
