

**Overview****Profile Information**

| Test Id | Reporting Name    | Available Separately | Always Performed |
|---------|-------------------|----------------------|------------------|
| FZ015   | Manganese, Plasma | No                   | Yes              |
| FZ016   | Manganese, RBC    | No                   | Yes              |

**Method Name**

Inductively Coupled Plasma/Mass Spectrometry (ICP-MS)

**NY State Available**

No

**Specimen****Specimen Type**Metal Free EDTA Plasma  
RBCS**Specimen Required****Both plasma and RBCs are required for testing.****Specimen Type:** Packed RBCs and Plasma**Container/Tube:** Royal blue-top (EDTA metal-free tube; metal-free transfer tubes)**Specimen Volume:** 3 mL each of plasma and packed RBCs**Collection Instructions:** Both packed cells and plasma are required. Plasma and red cells must be separated ASAP and shipped separately. Failure to separate may cause rejection due to hemolysis of red cells and contamination of the plasma. Transfer RBCs and plasma into separate plastic, acid-washed, trace metal-free tubes. Ship refrigerated.**NOTE: Specimen must be received at the testing facility within five days of collection.****Specimen Minimum Volume**

0.5 mL each plasma and RBCs

**Reject Due To**

|           |  |
|-----------|--|
| Hemolysis | Reject   |
| Other     | Failure to separate plasma and red cells; specimen received more than 5 days after collection. |

**Specimen Stability Information**

| Specimen Type          | Temperature              | Time     | Special Container |
|------------------------|--------------------------|----------|-------------------|
| Metal Free EDTA Plasma | Ambient                  | 72 hours | METAL FREE        |
|                        | Refrigerated (preferred) | 5 days   | METAL FREE        |
| RBCS                   | Ambient                  | 72 hours | METAL FREE        |
|                        | Refrigerated (preferred) | 5 days   | METAL FREE        |

**Clinical & Interpretive****Reference Values**

Manganese, Plasma: &lt;2.0 ng/mL

Manganese, RBC: 11.0 - 23.0 ng/mL

**Interpretation**

Manganese is highly concentrated in the cellular elements of blood. Hemolysis of the cellular elements that is unobservable to the naked eye can result in elevated plasma manganese concentrations.

**Performance****PDF Report**

No

**Day(s) Performed**

Monday through Sunday

**Report Available**

5 to 7 days

**Performing Laboratory Location**

Medtox Laboratories, Inc.

**Fees & Codes****Fees**

- Authorized users can sign in to [Test Prices](#) for detailed fee information.
- Clients without access to Test Prices can contact [Customer Service](#) 24 hours a day, seven days a week.
- Prospective clients should contact their account representative. For assistance, contact [Customer Service](#).

**Test Classification**

This test was developed and its performance characteristics determined by Labcorp. It has not been cleared or approved

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by the Food and Drug Administration.

**CPT Code Information**

83785

**LOINC® Information**

| Test ID | Test Order Name           | Order LOINC® Value |
|---------|---------------------------|--------------------|
| FMNRB   | Manganese, Plasma and RBC | 87467-7            |

| Result ID | Test Result Name  | Result LOINC® Value |
|-----------|-------------------|---------------------|
| Z2427     | Manganese, Plasma | 5683-8              |
| Z2428     | Manganese, RBC    | 5682-0              |