

**Reporting Title:** Manganese, Plasma and RBC

**Performing Location:** Medtox Laboratories, Inc.

**Specimen Requirements:**

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

**Result Codes:**

Result ID	Reporting Name	Type	Unit	LOINC®
Z2427	Manganese, Plasma	Alphanumeric		5683-8
Z2428	Manganese, RBC	Alphanumeric		5682-0

LOINC® and CPT codes are provided by the performing laboratory.

**Supplemental Report:**

No

**Components:**

Test Id	Reporting Name	CPT Units	CPT Code	Always Performed	Available Separately
FZ015	Manganese, Plasma			Yes	No
FZ016	Manganese, RBC			Yes	No

**CPT Code Information:**

83785

**Reference Values:**

Manganese, Plasma: <2.0 ng/mL

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Manganese, RBC: 11.0 - 23.0 ng/mL