

**Reporting Title:** Copper, RBCs**Performing Location:** NMS Labs**Specimen Requirements:**

\*\*\*Must submit one specimen per order. Specimens cannot be shared between multiple orders.\*\*\*

Specimen Type: RBCs

Collection Container/Tube: Royal Blue top tube (Trace metal-free; EDTA)

Specimen Volume: 1 mL

Collection Instructions: Draw blood in a royal blue top (trace metal free; EDTA) tube(s). Centrifuge and separate plasma within two hours of collection. Leave RBCs in the original collection container and replace stopper. Send 1 mL RBC's refrigerated.

NOTE: Tubes containing Heparin based anticoagulants are not acceptable.

**Specimen Minimum Volume:**

0.3 mL

Specimen Type	Temperature	Time	Special Container
RBCS	Refrigerated	14 days	METAL FREE

**Result Codes:**

Result ID	Reporting Name	Type	Unit	LOINC®
Z3527	Copper	Alphanumeric		5630-9

LOINC and CPT codes are provided by the performing laboratory.

**Supplemental Report:**

No

**CPT Code Information:**

82525

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**Reference Values:**

Reporting limit determined each analysis.

Units: mcg/dL

NMS Labs derived data for 2.5th-97.5th percentile range is 59-91 mcg/dL (n=1999).

The RBC sample used for analysis was measured by weight and multiplied by the density of human RBC (1.10 g/mL) to obtain mcg/dL units.