

**Reporting Title:** Propofol**Performing Location:** NMS Labs**Specimen Requirements:**

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

Submit only 1 of the following specimens:

**Serum**

Draw blood in a plain, red-top tube(s). Serum gel tube is not acceptable. Centrifuge and send 2 mL of serum refrigerate in plastic vial.

Note: 1. Indicate serum on request form.

2. Label specimen appropriately (serum).

**Plasma**

Draw blood in a lavender-top (EDTA) tube(s). Plasma gel tube is not acceptable. Centrifuge and send 2 mL of EDTA plasma refrigerate in plastic vial.

Note: 1. Indicate plasma on request form.

2. Label specimen appropriately (plasma).

**Specimen Minimum Volume:**

1.0 mL

Specimen Type	Temperature	Time	Special Container
Varies	Refrigerated		

**Result Codes:**

Result ID	Reporting Name	Type	Unit	LOINC®
Z1448	Propofol	Alphanumeric	mcg/mL	34673-4
Z1869	Reporting Limit	Alphanumeric	mcg/mL	19147-8

LOINC and CPT codes are provided by the performing laboratory.

**Supplemental Report:**

No

**CPT Code Information:**

80375

G0480 (if appropriate)

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**Reference Values:**

Reporting limit determined each analysis

Synonym(s): Diprivan

Patients required a mean blood propofol concentration of 4.05 +/- 1.01 mcg/mL for major surgery and 2.97 +/- 1.07 mcg/mL for non-major surgery. Blood propofol concentrations at which 50% of patients were awake and oriented after surgery were 1.07 and 0.95 mcg/mL respectively.

Psychomotor performance returned to baseline at blood propofol concentrations of 0.38 - 0.43 mcg/mL.