

**Overview**

**Method Name**

Gas Chromatography (GC)

**NY State Available**

Yes

**Specimen**

**Specimen Type**

Varies

**Specimen Required**

Submit only 1 of the following specimens:

**Serum**

Draw blood in a plain, red-top tube(s). **(Serum gel tube is not acceptable.)** Spin down 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.)** Spin down 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

**Reject Due To**

Hemolysis	NA
Lipemia	NA
Icteric	NA
Other	Polymer gel separation tube (SST or PST)

**Specimen Stability Information**

Specimen Type	Temperature	Time	Special Container
Varies	Refrigerated		

## Clinical and Interpretive

### 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.

## Performance

### PDF Report

No

### Day(s) and Time(s) Test Performed

Monday through Sunday

### Analytic Time

8 days

### Maximum Laboratory Time

10-12 days

### Specimen Retention Time

2 weeks

### Performing Laboratory Location

NMS Labs

## Fees and 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 Regional Manager. For assistance, contact [Customer Service](#).

### Test Classification

This test was developed and its performance characteristics determined by NMS Labs. It has not been cleared or approved by the U.S. Food and Drug Administration.

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**CPT Code Information**

80375

G0480 (if appropriate)

**LOINC® Information**

Test ID	Test Order Name	Order LOINC Value
FPROP	Propofol	34673-4

Result ID	Test Result Name	Result LOINC Value
Z1448	Propofol	34673-4
Z1869	Reporting Limit	19147-8