

Patient ID SA00179583	Patient Name SAMPLEREPORT, FDA1S ABNORMAL	Birth Date 1987-02-23	Sex M	Age 39
Order Number SA00179583	Client Order Number SA00179583	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 18 Mar 2026 00:00		

Amphetamines Confirmation, S

Ephedrine

Y082

800 ng/mL

Reporting Limit: 20 ng/mL

A single 24 mg oral dose resulted in a peak plasma concentration of approximately 100 ng/mL.

During chronic daily oral therapy with 15 mg (3 times daily), a plasma level of 95 ng/mL was reported at 4 hours, and 65 ng/mL at 6 hours after one 15 mg dose. Analysis by High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS)

Pseudoephedrine

Y082

800 ng/mL

Reporting Limit: 20 ng/mL

Following a 60 mg oral dose (immediate-release tablet or syrup), mean peak plasma concentrations of 180–360 ng/mL were reported at 3 hours.

Following a 120 mg oral dose (controlled-release capsule), mean peak plasma concentrations of 265–315 ng/mL were reported.

Chronic administration of 360 mg/day (of a controlled-release preparation) resulted in mean steady-state plasma concentrations between 500–640 ng/mL over a 10-day period.

Analysis by High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS)

Phenylpropanolamine

Y082

800 ng/mL

Reporting Limit: 20 ng/mL

Synonym(s): Norephedrine; PPA

Phenylpropanolamine is a drug as well as the metabolite of Ephedrine.

Following a single 50 mg oral dose (immediate-release tablet), the mean peak plasma concentration was 180 ng/mL at 1 to 2 hours.

Following a single 150 mg oral dose (sustained-release preparation), the mean peak plasma concentration was 280 ng/mL at 6 hours.

Analysis by High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS)

Norpseudoephedrine

Y082

800 ng/mL

Reporting Limit: 20 ng/mL

Synonym(s): Cathine

Norpseudoephedrine is a metabolite of Pseudoephedrine.

Analysis by High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS)

Amphetamine

Y082

800 ng/mL

Reporting Limit: 20 ng/mL

Amphetamine is a drug as well as the metabolite of Methamphetamine. Benzphetamine is rapidly metabolized to Methamphetamine and Amphetamine. This test reports Amphetamine as the total of the undifferentiated d and l enantiomers.

Analysis by High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS)

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
Y082	NMS Labs	200 Welsh Road, Horsham, PA 190442208		

Patient ID SA00179583	Patient Name SAMPLEREPORT, FDA1S ABNORMAL	Birth Date 1987-02-23	Sex M	Age 39
Order Number SA00179583	Client Order Number SA00179583	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 18 Mar 2026 00:00		

Phentermine

Y082

800 ng/mL

Reporting Limit: 20 ng/mL

Synonym(s): Adipex-P(R); Ionamin(R); Pro-Fast(R)

A single 26 mg/70 kg oral dose produced a mean peak blood concentration of 90 ng/mL at 4 hours, declining to 30 ng/mL after 40 hours.

Adults receiving 30 mg daily oral doses for 2 weeks achieved a mean steady-state plasma concentration of 360 ng/mL (range 180 to 510 ng/mL).

Analysis by High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS)

Methamphetamine

Y082

800 ng/mL

Reporting Limit: 20 ng/mL

This test reports Methamphetamine as the total of the undifferentiated d and l enantiomers. The ratio of these enantiomers is important in determining whether the source of Methamphetamine is from over the counter medications, prescribed medication or controlled substances.

Benzphetamine is rapidly metabolized to Amphetamine and Methamphetamine.

Analysis by High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS)

MDA

Y082

800 ng/mL

Reporting Limit: 20 ng/mL

Synonym(s): 3,4-Methylenedioxyamphetamine; Adam; MDMA Metabolite

MDA is a metabolite of MDMA and Methylenedioxyethylamphetamine (MDEA) and is abused for its central nervous system stimulant and hallucinogenic properties.

The peak concentration of the MDA metabolite following a 110 mg dose of MDMA was reported as 28 ng/mL at 4 hours.

Analysis by High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS)

MDMA

Y082

800 ng/mL

Reporting Limit: 20 ng/mL

Synonym(s): 3,4-Methylenedioxymethamphetamine; Ecstasy

Following a single 50 mg oral dose, the mean peak plasma concentration was 110 ng/mL at 2 hours.

Analysis by High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS)

MDEA

Y082

800 ng/mL

Reporting Limit: 20 ng/mL

Synonym(s): 3,4-methylenedioxyethylamphetamine; Eve

A single oral 140 mg dose given to 6 adults produced peak plasma concentrations that averaged 260 ng/mL at 2.2 hours.

Analysis by High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS)

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

Received: 19 Mar 2026 08:23
Reported: 19 Mar 2026 11:36
Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
Y082	NMS Labs	200 Welsh Road, Horsham, PA 190442208		

Patient ID SA00179583	Patient Name SAMPLEREPORT, FDA1S ABNORMAL	Birth Date 1987-02-23	Sex M	Age 39
Order Number SA00179583	Client Order Number SA00179583	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 18 Mar 2026 00:00		

Barbiturates Confirmation, S

Butabarbital

Y082

100 mcg/mL

Reporting Limit: 0.20 mcg/mL

Synonym(s): Butisol Sodium

Plasma concentrations of 2–3 mcg/mL produce sedation and plasma concentrations of 25 mcg/mL produce sleep in most patients.

Plasma concentrations of greater than 30 mcg/mL may produce coma and plasma concentrations in excess of 50 mcg/mL are potentially lethal.

Analysis by Gas Chromatography/Mass Spectrometry (GC/MS)

Butalbital

Y082

100 mcg/mL

Reporting Limit: 0.20 mcg/mL

A single oral 100 mg dose resulted in a mean peak blood concentration of 2.1 mcg/mL (range, 1.7–2.6 mcg/mL) at 2 hours, with a decline to 1.5 mcg/mL (range, 1.3–1.7 mcg/mL) by 24 hours.

Potentially toxic at plasma concentrations greater than 10 mcg/mL.

Analysis by Gas Chromatography/Mass Spectrometry (GC/MS)

Pentobarbital

Y082

100 mcg/mL

Reporting Limit: 0.20 mcg/mL

Peak serum concentrations of 1.2–3.1 mcg/mL were produced 0.5–2.0 hours after a 100 mg oral dose and peak serum concentrations of 3 mcg/mL were produced 6 min. following a 100 mg IV dose.

Potentially toxic at blood concentrations greater than 10 mcg/mL.

Analysis by Gas Chromatography/Mass Spectrometry (GC/MS)

Secobarbital

Y082

100 mcg/mL

Reporting Limit: 0.20 mcg/mL

Synonym(s): Seconal(R)

A 3.3 mg/kg oral dose (approx. 230 mg/70 kg) produced a mean peak blood concentration of 2.0 mcg/mL (range, 1.8–2.2 mcg/mL) at 3 hours, diminishing to 1.3 mcg/mL by 20 hours and 0.8 mcg/mL by 40 hours.

Potentially toxic at blood concentrations greater than 8 mcg/mL.

Analysis by Gas Chromatography/Mass Spectrometry (GC/MS)

Phenobarbital

Y082



100 mcg/mL

Reporting Limit: 0.50 mcg/mL

Synonym(s): Luminal(R)

Recommended serum concentration range during anticonvulsant therapy with Primidone: 10–40 mcg/mL.

Analysis by Gas Chromatography/Mass Spectrometry (GC/MS)

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

Received: 19 Mar 2026 08:23

Reported: 19 Mar 2026 11:38

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
Y082	NMS Labs	200 Welsh Road, Horsham, PA 190442208		

Patient ID SA00179583	Patient Name SAMPLEREPORT, FDA1S ABNORMAL	Birth Date 1987-02-23	Sex M	Age 39
Order Number SA00179583	Client Order Number SA00179583	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 18 Mar 2026 00:00		

Benzodiazepines Confirmation, S

Diazepam

Y082

100 ng/mL

Reporting Limit: 20 ng/mL

Synonym(s): Valium(R)

Dose and route: average concentration (range) and time

Single 5 mg IM: peak plasma 130 ng/mL at 0.6 hr

Single 10 mg oral: peak blood 167 ng/mL at 1 hr, 37 ng/mL at 24 hr

Single 10 mg oral: peak plasma 406 ng/mL (253–586) at 0.89 hr (0.5–2.5)

Single 20 mg IV: peak serum 1607 ng/mL at 0.5 hr, 435 ng/mL at 2 hr

Daily 30 mg oral: steady-state plasma 1030 ng/mL (700–1500)

Half-life: approximately 21–37 hr

The blood to plasma ratio is approximately 0.6

Analysis by High Performance Liquid Chromatography/
Tandem Mass Spectrometry (LC-MS/MS)

Nordiazepam

Y082

100 ng/mL

Reporting Limit: 20 ng/mL

Dose and route: average concentration (range) and time

Single 5 mg oral: peak plasma 118 ng/mL at 2 hr

Single 10 mg oral: peak plasma 228 ng/mL at 2 hr

Daily 15 mg oral: estimated steady state plasma 380 ng/mL (187–570)

Daily 30 mg oral diazepam: steady-state plasma 430 ng/mL (350–520)

Active metabolite of chlordiazepoxide, clorazepate, diazepam, and prazepam

Half-life: approximately 31–97 hr

Analysis by High Performance Liquid Chromatography/
Tandem Mass Spectrometry (LC-MS/MS)

Oxazepam

Y082

100 ng/mL

Reporting Limit: 20 ng/mL

Synonym(s): Serax(R)

When used as a drug, the therapeutic plasma concentration: 200–1400 ng/mL.

Potentially toxic greater than 2000 ng/mL.

As a metabolite of Diazepam, low concentrations may be observed. In one study, following chronic daily doses of about 70 mg of Diazepam, the steady-state serum concentrations were 50–400 ng Oxazepam/mL.

As a metabolite of Temazepam, low concentrations may be observed.

Analysis by High Performance Liquid Chromatography/
Tandem Mass Spectrometry (LC-MS/MS)

Temazepam

Y082

100 ng/mL

Reporting Limit: 20 ng/mL

Synonym(s): Normison(R); Restoril(R)

When used as a drug, peak plasma concentrations range from 200–1100 ng/mL within 1.5 hours post-dose.

As a metabolite of Diazepam, low concentrations may be observed. In one study, following chronic daily doses of about 70 mg of Diazepam, the steady-state serum concentrations were 100–600 ng Temazepam/mL.

Analysis by High Performance Liquid Chromatography/
Tandem Mass Spectrometry (LC-MS/MS)

Clobazam

Y082

100 ng/mL

Reporting Limit: 20 ng/mL

Synonym(s): Urbanyl(R); Frisium(R)

Clobazam is a benzodiazepine drug used as an

anxiolytic and antiseizure medication. It is also

employed as an adjunctive therapy for the treatment of seizures in patients with Lennox-Gastaut syndrome.

The average (range) peak plasma concentrations

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
Y082	NMS Labs	200 Welsh Road, Horsham, PA 190442208		

Patient ID SA00179583	Patient Name SAMPLEREPORT, FDA1S ABNORMAL	Birth Date 1987-02-23	Sex M	Age 39
Order Number SA00179583	Client Order Number SA00179583	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 18 Mar 2026 00:00		

reported following a single 20 mg dose was 465 (222–709) ng/mL.
Reported average steady-state plasma concentrations of 1076 ng/mL and 2884 ng/mL were reported following 40 mg/day and 160 mg/day doses, respectively.
The mean concentrations of clobazam did not differ between CYP2C19 extensive and poor metabolizers. The recommended therapeutic range for clobazam is 30–300 ng/mL.
Analysis by High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS)

Chlordiazepoxide

100 ng/mL

Reporting Limit: 20 ng/mL
Synonym(s): Librium(R)
Therapeutic range: 400–2000 ng/mL.
Analysis by High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS)

Lorazepam

100 ng/mL

Reporting Limit: 5.0 ng/mL
Synonym(s): Ativan(R)
Dose and route: average concentration (range) and time
Single 2 mg oral: 18 ng/mL at 2 hr
Daily 10 mg oral: steady state 181 ng/mL (140–240 ng/mL)
Half-life: approximately 9–16 hr
Analysis by High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS)

Clonazepam

100 ng/mL

Reporting Limit: 2.0 ng/mL
Synonym(s): Klonopin(R)
Dose and route: average concentration and time
Single 2 mg IM: peak 11 ng/mL at 3.1 hr
Single 2 mg oral: peak 15 ng/mL at 1.7 hr
Daily 6 mg oral: 29–75 ng/mL
Half-life: approximately 19–60 hr
Analysis by High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS)

7-Amino Clonazepam

100 ng/mL

Reporting Limit: 5.0 ng/mL
Synonym(s): Clonazepam Metabolite
Clonazepam dose and route: average 7-amino clonazepam plasma concentration
Daily 6 mg oral: 23–137 ng/mL
Analysis by High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS)

Alprazolam

100 ng/mL

Reporting Limit: 5.0 ng/mL
Synonym(s): Xanax(R)
Oral dose: average concentration and time
Single 1 mg: peak plasma 19 ng/mL at 1.3 hr
Daily 1.5–6 mg: steady-state serum 25–55 ng/mL
Daily 9 mg: steady-state plasma 103 ng/mL
Half-life: approximately 6–27 hr
Analysis by High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS)

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
Y082	NMS Labs	200 Welsh Road, Horsham, PA 190442208		

Patient ID SA00179583	Patient Name SAMPLEREPORT, FDA1S ABNORMAL	Birth Date 1987-02-23	Sex M	Age 39
Order Number SA00179583	Client Order Number SA00179583	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 18 Mar 2026 00:00		

Alpha-Hydroxyalprazolam

Y082

100 ng/mL

Reporting Limit: 5.0 ng/mL

Synonym(s): Alprazolam Metabolite

Alpha-Hydroxyalprazolam has approximately 66% of the pharmacological activity of Alprazolam.

Analysis by High Performance Liquid Chromatography/
Tandem Mass Spectrometry (LC-MS/MS)

Midazolam

Y082

100 ng/mL

Reporting Limit: 5.0 ng/mL

Synonym(s): Versed(R)

Dose and route: Average peak concentration

5 mg IV: 118 ± 37 ng/mL (blood)

15 mg oral: 70 ± 9 ng/mL (plasma)

Half-life: approximately 1.5–2.5 hr

The blood to plasma ratio is approximately 0.5–0.7

Analysis by High Performance Liquid Chromatography/
Tandem Mass Spectrometry (LC-MS/MS)

Triazolam

Y082

100 ng/mL

Reporting Limit: 2.0 ng/mL

Synonym(s): Halcion(R)

Following a single 0.25 mg oral dose, the mean plasma concentration: 3.0 ng/mL (range, 2.3–3.7 ng/mL) within 1.5 hours.

Following a single 0.5 mg oral dose, the mean plasma concentration: 4.4 ng/mL (range, 1.7–9.4 ng/mL) within 4 hours.

Analysis by High Performance Liquid Chromatography/
Tandem Mass Spectrometry (LC-MS/MS)

Hydroxytriazolam

Y082

100 ng/mL

Reporting Limit: 5.0 ng/mL

Synonym(s): Triazolam Metabolite

Single oral dose: average peak plasma concentration and time

0.88 mg: 6.1 ng/mL at 0.7–2.5 hr

50–100% of the pharmacological activity of triazolam

Half-life: approximately 3.9 hr

Analysis by High Performance Liquid Chromatography/
Tandem Mass Spectrometry (LC-MS/MS)

Hydroxyethylflurazepam

Y082

100 ng/mL

Reporting Limit: 5.0 ng/mL

Synonym(s): Flurazepam Metabolite

Single oral flurazepam dose: mean peak plasma hydroxyethylflurazepam concentration and time

30 mg: 18 ng/mL at 1 hr

Analysis by High Performance Liquid Chromatography/
Tandem Mass Spectrometry (LC-MS/MS)

Desalkylflurazepam

Y082

100 ng/mL

Reporting Limit: 5.0 ng/mL

Synonym(s): Flurazepam Metabolite

The mean peak plasma concentration following a 30 mg oral dose of Flurazepam was 23 ng

Desalkylflurazepam/mL at 12 hours post dose.

Analysis by High Performance Liquid Chromatography/
Tandem Mass Spectrometry (LC-MS/MS)

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
Y082	NMS Labs	200 Welsh Road, Horsham, PA 190442208		



Patient ID SA00179583	Patient Name SAMPLEREPORT, FDA1S ABNORMAL	Birth Date 1987-02-23	Sex M	Age 39
Order Number SA00179583	Client Order Number SA00179583	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 18 Mar 2026 00:00		

Flurazepam

Y082

100 ng/mL

Reporting Limit: 2.0 ng/mL

Synonym(s): Dalmane(R)

The mean peak plasma concentration following a 30 mg oral dose was 2.1 ng/mL at 1 hour post dose, but was undetectable at subsequent times.

Analysis by High Performance Liquid Chromatography/
Tandem Mass Spectrometry (LC-MS/MS)

Estazolam

Y082

100 ng/mL

Reporting Limit: 5.0 ng/mL

Synonym(s): ProSom(R)

The mean peak plasma concentration following a 1 mg oral dose was 55 ng/mL (range, 40–70 ng/mL).

The mean peak plasma concentration following a 2 mg oral dose was 98 ng/mL (range, 75–140 ng/mL).

Analysis by High Performance Liquid Chromatography/
Tandem Mass Spectrometry (LC-MS/MS)

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

Received: 19 Mar 2026 08:23

Reported: 19 Mar 2026 11:49

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
Y082	NMS Labs	200 Welsh Road, Horsham, PA 190442208		

Patient ID SA00179583	Patient Name SAMPLEREPORT, FDA1S ABNORMAL	Birth Date 1987-02-23	Sex M	Age 39
Order Number SA00179583	Client Order Number SA00179583	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 18 Mar 2026 00:00		

Cannabinoids Confirmation, S

11-Hydroxy Delta-9 THC

Y082

100 ng/mL

Reporting Limit: 1.0 ng/mL
 Synonym(s): Active Metabolite
 Peak concentrations <1–30 ng/mL occur approximately 5 min–3.5 hr post-dose
 Concentrations generally <1 ng/mL within 24 hr
 The blood to plasma ratio is approximately 0.5
 Analysis by High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS)

Delta-9 Carboxy THC

Y082

200 ng/mL

Reporting Limit: 5.0 ng/mL
 Synonym(s): Inactive Metabolite
 Peak concentrations <1–100 ng/mL occur approximately 6 min–3.5 hr post-dose
 Concentrations may exceed 5.0 ng/mL for hours to weeks
 The blood to plasma ratio is approximately 0.5
 Analysis by High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS)

Delta-9 THC

Y082

300 ng/mL

Reporting Limit: 0.50 ng/mL
 Synonym(s): Active Ingredient of Marijuana
 Peak blood concentrations <2–500 ng/mL occur approximately 5 min–2.5 hr post-dose.
 Peak concentrations, time to peak, time of detection, and half-life vary depending on dose, frequency of cannabis use, and route of administration.
 Concentrations may exceed 0.5 ng/mL for hours to weeks.
 Synthetic preparations of THC and extracts of THC may include low levels of exo-THC, also known as delta-9, 11-THC, as an impurity which may contribute to the overall reported delta-9 THC concentration.
 The blood to plasma ratio is approximately 0.5
 Analysis by High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS)
 This test was developed and its performance characteristics determined by NMS Labs. It has not been cleared or approved by the US Food and Drug Administration.

Received: 19 Mar 2026 08:23
Reported: 19 Mar 2026 11:49

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
Y082	NMS Labs	200 Welsh Road, Horsham, PA 190442208		



Patient ID SA00179583	Patient Name SAMPLEREPORT, FDA1S ABNORMAL	Birth Date 1987-02-23	Sex M	Age 39
Order Number SA00179583	Client Order Number SA00179583	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 18 Mar 2026 00:00		

Cocaine and Metabolites Confirm, S

<p>Cocaine Y082</p> <p>30 ng/mL</p> <p>Reporting Limit: 10 ng/mL</p> <p>Depending on the nature of the specimen, storage conditions, and/or preservatives used after collection, cocaine is unstable and may be subject to further hydrolysis in vitro to benzoylecgonine and/or ecgonine methyl ester.</p> <p>Analysis by High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS)</p>	<p>Cocaethylene Y082</p> <p>40 ng/mL</p> <p>Reporting Limit: 10 ng/mL</p> <p>Synonym(s): Cocaine/Ethanol By-Product</p> <p>Pharmacologically active metabolite formed via concurrent cocaine and alcohol consumption</p> <p>Analysis by High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS)</p> <p>This test was developed and its performance characteristics determined by NMS Labs. It has not been cleared or approved by the US Food and Drug Administration.</p>
	<p>Benzoylecgonine Y082</p> <p>150 ng/mL</p> <p>Reporting Limit: 50 ng/mL</p> <p>Synonym(s): Cocaine Degradation Product</p> <p>Analysis by High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS)</p>
<p>Received: 19 Mar 2026 08:23 Reported: 19 Mar 2026 13:51</p>	

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
Y082	NMS Labs	200 Welsh Road, Horsham, PA 190442208		

Patient ID SA00179583	Patient Name SAMPLEREPORT, FDA1S ABNORMAL	Birth Date 1987-02-23	Sex M	Age 39
Order Number SA00179583	Client Order Number SA00179583	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 18 Mar 2026 00:00		

Drug of Abuse 10 and Alcohol Scrn,S

Ethanol

Y082

30 mg/dL

Reporting Limit: 10 mg/dL

Synonym(s): Ethyl Alcohol

Ethyl alcohol (Ethanol, drinking alcohol) is a central nervous system depressant and can cause effects such as impaired judgment, reduced alertness and impaired muscular coordination. Ethanol can also be a product of decomposition or degradation of biological samples as well as a metabolite of ethyl acetate.

Analysis by Headspace Gas Chromatography (GC)

Opiates

Y082

See Comment ng/mL

Reporting Limit: 20 ng/mL

Synonym(s): Codeine; Heroin; Morphine; Opium

Comment:

Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).

Analysis by Enzyme-Linked Immunosorbent Assay (ELISA)

Cocaine/Metabolites

Y082

See Comment ng/mL

Reporting Limit: 20 ng/mL

Synonym(s): Blow; Crack; Snow

Comment:

Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).

Analysis by Enzyme-Linked Immunosorbent Assay (ELISA)

Benzodiazepines

Y082

See Comment ng/mL

Reporting Limit: 100 ng/mL

Synonym(s): Sedative; Tranquilizer

Comment:

Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).

Analysis by Enzyme-Linked Immunosorbent Assay (ELISA)

Cannabinoids

Y082

See Comment ng/mL

Reporting Limit: 10 ng/mL

Synonym(s): Cannabis; Hashish; Marihuana; Marijuana; THC

Comment:

Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).

Analysis by Enzyme-Linked Immunosorbent Assay (ELISA)

Amphetamines

Y082

See Comment ng/mL

Reporting Limit: 20 ng/mL

Synonym(s): Adderall; Amfetamine; Dextroamphetamine; Levoamphetamine

Comment:

Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).

Analysis by Enzyme-Linked Immunosorbent Assay (ELISA)

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
Y082	NMS Labs	200 Welsh Road, Horsham, PA 190442208		



Patient ID SA00179583	Patient Name SAMPLEREPORT, FDA1S ABNORMAL	Birth Date 1987-02-23	Sex M	Age 39
Order Number SA00179583	Client Order Number SA00179583	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 18 Mar 2026 00:00		

Barbiturates

Y082

See Comment mcg/mL

Reporting Limit: 0.040 mcg/mL

Comment:

Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).

Analysis by Enzyme-Linked Immunosorbent Assay (ELISA)

Methadone/Metabolite

Y082

See Comment ng/mL

Reporting Limit: 25 ng/mL

Comment:

Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).

Analysis by Enzyme-Linked Immunosorbent Assay (ELISA)

Phencyclidine

Y082

See Comment ng/mL

Reporting Limit: 10 ng/mL

Synonym(s): Sherm; PCP; Angel Dust

Comment:

Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).

Analysis by Enzyme-Linked Immunosorbent Assay (ELISA)

Methamphetamine/MDMA

Y082

See Comment ng/mL

Reporting Limit: 20 ng/mL

Synonym(s): Desoxyn(R); Ecstasy; Meth; Molly

Comment:

Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).

Analysis by Enzyme-Linked Immunosorbent Assay (ELISA)

Oxycodone/Oxymorphone

Y082

See Comment ng/mL

Reporting Limit: 10 ng/mL

Comment:

Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).

Analysis by Enzyme-Linked Immunosorbent Assay (ELISA)

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

Received: 19 Mar 2026 08:23

Reported: 19 Mar 2026 11:03

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
Y082	NMS Labs	200 Welsh Road, Horsham, PA 190442208		

Patient ID SA00179583	Patient Name SAMPLEREPORT, FDA1S ABNORMAL	Birth Date 1987-02-23	Sex M	Age 39
Order Number SA00179583	Client Order Number SA00179583	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 18 Mar 2026 00:00		

Ethanol Confirmation, S

Ethanol

Y082

Confirmed mg/dL

Reporting Limit: 10 mg/dL

Synonym(s): Ethyl Alcohol

Ethyl alcohol (Ethanol, drinking alcohol) is a central nervous system depressant and can cause effects such as impaired judgment, reduced alertness and impaired muscular coordination. Ethanol can also be a product of decomposition or degradation of biological samples as well as a metabolite of ethyl acetate.

Analysis by Headspace Gas Chromatography (GC)

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

Received: 19 Mar 2026 08:23

Reported: 19 Mar 2026 11:36

Methadone and Metabolite Confirm, S

Methadone

Y082

60 ng/mL

Reporting Limit: 20 ng/mL

Synonym(s): Dolophine(R)

Dose (range): mean peak concentration (range) and time in OUD patients

Chronic 70 mg: 494 ng/mL at 2.3 hr in blood

Chronic 61 mg (2–120): 308 ng/mL (63–766) in plasma

Half-life: approximately 24 hr in opioid-tolerant individuals, 55 hr in opioid-naïve individuals

The blood to plasma ratio is approximately 0.75

Analysis by High Performance Liquid Chromatography/

Tandem Mass Spectrometry (LC-MS/MS)

EDDP

Y082

70 ng/mL

Reporting Limit: 20 ng/mL

Synonym(s): Methadone Metabolite

Peak EDDP plasma concentrations averaged 32 ng/mL (range 6.4–83) in 96 OUD patients provided a 61 mg

(range 2–120) mean methadone dose

Half-life: approximately 6–50 hr

Analysis by High Performance Liquid Chromatography/

Tandem Mass Spectrometry (LC-MS/MS)

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

Received: 19 Mar 2026 08:23

Reported: 19 Mar 2026 11:49

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
Y082	NMS Labs	200 Welsh Road, Horsham, PA 190442208		

Patient ID SA00179583	Patient Name SAMPLEREPORT, FDA1S ABNORMAL	Birth Date 1987-02-23	Sex M	Age 39
Order Number SA00179583	Client Order Number SA00179583	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 18 Mar 2026 00:00		

Opiates-Free Unconjugated Conf, S

Dihydrocodeine/Hydrocodol-Free

Y082

100 ng/mL

Reporting Limit: 5.0 ng/mL
Adult therapeutic range: 72–150 ng/mL.
Analysis by High Performance Liquid Chromatography/
Tandem Mass Spectrometry (LC-MS/MS)

Codeine-Free

Y082

100 ng/mL

Reporting Limit: 5.0 ng/mL
Adult therapeutic range: 20–210 ng/mL.
Analysis by High Performance Liquid Chromatography/
Tandem Mass Spectrometry (LC-MS/MS)

Morphine-Free

Y082



100 ng/mL

Reporting Limit: 5.0 ng/mL
Adult therapeutic range: <73 ng/mL.
Analysis by High Performance Liquid Chromatography/
Tandem Mass Spectrometry (LC-MS/MS)

Hydrocodone-Free

Y082

100 ng/mL

Reporting Limit: 5.0 ng/mL
Synonym(s): Vicodin(R); Zohydro(R)
Adult therapeutic range: 6–29 ng/mL.
Analysis by High Performance Liquid Chromatography/
Tandem Mass Spectrometry (LC-MS/MS)

6-MAM-Free

Y082

100 ng/mL

Reporting Limit: 1.0 ng/mL
Synonym(s): 6-MAM; Heroin Metabolite
6-Monoacetylmorphine is a metabolite of heroin.
Due to 6-MAM instability once collected, samples that
are not frozen may have lower 6-MAM concentrations as
compared to concentrations present at the time of
collection, including no longer detectable.
Analysis by High Performance Liquid Chromatography/
Tandem Mass Spectrometry (LC-MS/MS)

Hydromorphone-Free

Y082

100 ng/mL

Reporting Limit: 1.0 ng/mL
Synonym(s): Dilaudid(R); Hydrocodone Metabolite
Adult therapeutic range: 5–20 ng/mL.
Analysis by High Performance Liquid Chromatography/
Tandem Mass Spectrometry (LC-MS/MS)

Oxycodone-Free

Y082

100 ng/mL

Reporting Limit: 5.0 ng/mL
Synonym(s): Roxicodone(R); OxyContin(R)
Adult therapeutic range: 13–120 ng/mL.
Analysis by High Performance Liquid Chromatography/
Tandem Mass Spectrometry (LC-MS/MS)

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
Y082	NMS Labs	200 Welsh Road, Horsham, PA 190442208		



Patient ID SA00179583	Patient Name SAMPLEREPORT, FDA1S ABNORMAL	Birth Date 1987-02-23	Sex M	Age 39
Order Number SA00179583	Client Order Number SA00179583	Ordering Physician CLIENT,CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 18 Mar 2026 00:00		

Oxymorphone-Free

Y082

100 ng/mL

Reporting Limit: 1.0 ng/mL

Synonym(s): Opana(R); Numorphan(R); Oxycodone

Metabolite

Adult therapeutic range: 3–8 ng/mL.

Analysis by High Performance Liquid Chromatography/
Tandem Mass Spectrometry (LC-MS/MS)

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

Received: 19 Mar 2026 08:23

Reported: 19 Mar 2026 11:49

Phencyclidine Confirmation, S

Phencyclidine

Y082

20 ng/mL

Reporting Limit: 5.0 ng/mL

Synonym(s): Angel Dust; PCP; Sherm

Analysis by High Performance Liquid Chromatography/
Tandem Mass Spectrometry (LC-MS/MS)

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

Digital data review may have taken place remotely by
qualified NMS staff utilizing a secure VPN connection
for some or all of the reported results. This is in
accordance with and follows CLIA regulations.

Received: 19 Mar 2026 08:23

Reported: 19 Mar 2026 11:49

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
Y082	NMS Labs	200 Welsh Road, Horsham, PA 190442208		