

## TEST CHANGE

Drug Profile, Screen With Reflex to Quantitation, Serum or Plasma

0092420, DRUG SCRSP

### Specimen Requirements:

#### Patient Preparation:

**Collect:** Gray (sodium fluoride/potassium oxalate). Also acceptable: Plain red, green (sodium heparin), lavender (EDTA), or pink (K2EDTA).

**Specimen Preparation:** Remove plasma from cells ASAP or within 2 hours of collection. Transfer 4 mL plasma to an ARUP standard transport tube. (Min: 3 mL) Also acceptable: Serum.

**Transport Temperature:** Refrigerated.

**Unacceptable Conditions:** Specimens exposed to repeated freeze/thaw cycles. Separator tubes. Plasma or whole blood collected in lt. blue (sodium citrate). Hemolyzed specimens.

**Remarks:** Cocaine and cocaethylene are more stable in fluoride-preserved plasma than serum.

**Stability:** After separation from cells: Ambient: 1 week; Refrigerated: 2 weeks; Frozen: 3 years

**Methodology:** Qualitative Enzyme-Linked Immunosorbent Assay (ELISA) / Quantitative Gas Chromatography-Mass Spectrometry (GC-MS) / Quantitative Liquid Chromatography-Tandem Mass Spectrometry

**Note:** Screen-positive specimens are automatically confirmed by GC/MS and/or LC-MS/MS; additional charges may apply.

**CPT Codes:** 80307; if reflexed, add 80324; **80354**; 80345; 80346; 80348; 80349; 80353; 80358; 80359; 80361; 80365; 83992 (Reflexed Alt Code: G0480)

**New York DOH Approval Status:** This test is New York DOH approved.

#### Interpretive Data:

Drugs/drug classes reported as "Positive" are automatically reflexed to mass spectrometry confirmation/quantitation. An unconfirmed positive immunoassay screen result may be useful for medical purposes but does not meet forensic standards. The absence of expected drug(s) and/or drug metabolite(s) may indicate noncompliance, inappropriate timing of specimen collection relative to drug administration, poor drug absorption, or limitations of testing. The concentration at which the screening test can detect a drug or metabolite varies within a drug class. Specimens for which drugs or drug classes are detected by the screen are automatically reflexed to a second, more specific technology (GC/MS and/or LC-MS/MS). The concentration value must be greater than or equal to the cutoff to be reported as positive. Interpretive questions should be directed to the laboratory.

For medical purposes only; not valid for forensic use.

**Reference Interval:**

<u>Test Number</u>	<u>Components</u>	<u>Reference Interval</u>
	<u>Amphetamines Screen, S/P</u>	<u>Positive Cutoff: 20 ng/mL</u>
	<u>Barbiturates Screen, S/P</u>	<u>Positive Cutoff: 50 ng/mL</u>
	<u>Benzodiazepines Screen, S/P</u>	<u>Positive Cutoff: 50 ng/mL</u>
	<u>Buprenorphine Screen, S/P</u>	<u>Positive Cutoff: 1 ng/mL</u>
	<u>Carboxy-THC Screen, S/P</u>	<u>Positive Cutoff: 20 ng/mL</u>
	<u>Cocaine Screen, S/P</u>	<u>Positive Cutoff: 20 ng/mL</u>
	<u>Fentanyl Screen, S/P</u>	<u>Positive Cutoff: 1 ng/mL</u>
	<u>Methadone Screen, S/P</u>	<u>Positive Cutoff: 25 ng/mL</u>
	<u>Methamphetamine Screen, S/P</u>	<u>Positive Cutoff: 20 ng/mL</u>
	<u>Opiates Screen, S/P</u>	<u>Positive Cutoff: 20 ng/mL</u>
	<u>Oxycodone/Oxymorphone Screen, S/P</u>	<u>Positive Cutoff: 20 ng/mL</u>
	<u>Phencyclidine Screen, S/P</u>	<u>Positive Cutoff: 10 ng/mL</u>

Drugs Covered and Cutoff Concentrations

<u>Drugs/Drug Classes</u>	<u>Screen</u>
Amphetamines	Effective August 17, 2020-20 ng/mL
Methamphetamine	Effective August 17, 2020-20 ng/mL
Barbiturates	Effective August 17, 2020-50 ng/mL
Benzodiazepines	Effective August 17, 2020-50 ng/mL
Buprenorphine	1 ng/mL
Cannabinoids	Effective August 17, 2020-20 ng/mL
Cocaine	Effective August 17, 2020-20 ng/mL
Methadone	Effective August 17, 2020-25 ng/mL
Opiates	Effective August 17, 2020-20 ng/mL
Oxycodone	Effective August 17, 2020-20 ng/mL
Phencyclidine	Effective August 17, 2020-10 ng/mL

**HOTLINE NOTE:** There is a component change associated with this test. One or more components

have been added or removed. Refer to the Hotline Test Mix for interface build information.