Lab Dept: Chemistry

Test Name: DRUG SCREEN, BLOOD

General Information

Lab Order Codes: SDRGS

Synonyms: Toxicology Screen, blood

CPT Codes: 80307 – Drug test, presumptive, by instrument chemistry analyzers, includes sample validation when performed, per date of service OR G0479 – Drug, test, presumptive (if appropriate)

Test Includes: Acetaminophen; Alcohol, Ethyl; Amphetamines; Barbiturates; Benzodiazepines; Buprenorphine; Carisoprodol; Cocaine Metabolite; Fentanyl; Gabapentin; Meperidine; Methadone; Opiates; Oxycodones; Phencyclidine (PCP); Propoxyphene; THC (Marijuana) Metabolite; Tramadol; Other drugs

Logistics

Test Indications: Detect use of abused, prescribed, and over-the-counter drugs.

Lab Testing Sections: Chemistry - Sendouts

Referred to: MedTox Laboratories (MedTox Test: 700898)

Phone Numbers: Mpls Lab: 612-813-6280
               STP Lab: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: Final results within 10 – 14 days

Special Instructions: N/A

Specimen

Specimen Type: Blood

Container: Lavender (EDTA) tube
Alternate: Green NO GEL, Gray-top (NaF/oxalate) tube
| **Draw Volume:** | 7 mL (Minimum: 3 mL) blood  
Note: Collecting the minimum volume may not allow for repeat analysis. |
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<tr>
<td><strong>Processed Volume:</strong></td>
<td>Same as Draw Volume</td>
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<tr>
<td><strong>Collection:</strong></td>
<td>Routine venipuncture</td>
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<td><strong>Special Processing:</strong></td>
<td>Lab Staff: <strong>DO NOT centrifuge</strong>, specimen should remain as whole blood. Ship and store specimen at refrigerated temperatures. Forward promptly.</td>
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<td><strong>Patient Preparation:</strong></td>
<td>None</td>
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<tr>
<td><strong>Sample Rejection:</strong></td>
<td>Mislabeled or unlabeled specimens</td>
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**Interpretive**

| **Reference Range:** | Negative |
| **Critical Values:** | Positive values |
| **Limitations:** | N/A |
| **Methodology:** | Immunoassay (IA); Gas Chromatography/Flame Ionization Detection (GC-FID); Gas Chromatography/Mass Spectrometry (GC/MS), Liquid chromatography/tandem mass spectrometry (LC/MS-MS) |
| **References:** | [MedTox Laboratories Web Page](http://www.medtox.com) March 2020 |

**Updates:**

- 1/7/2012: Test # from 305 to 21307, updated list of drugs screened.
- 4/6/2013: Draw volume increase due to QNS reporting.
- 1/12/2015: CPT update
- 5/18/2015: CPT update
- 8/20/2015 CPT update G0434 removed
- 1/20/16: CPT update
- 2/2/2016: CPT update
- 4/26/2016: Tube type update, previously listed as Red or Green
- 2/23/2017: Updated TAT
- 3/23/2020: Updated to new test at MedTox (700898) and CPT change
- 5/20/2020: Changed Containers: Green tube to GNG, added Gray.