COLLEGE of AMERICAN PATHOLOGISTS

AACC

UDS-A 2021

Kit Instructions

Urine Drug Testing, Screening Survey

Kit Contents

Five specimens

- UDS-01 — UDS-05

For replacement materials, contact the CAP immediately.

Important: Before You Begin

New for this Mailing

Beginning with this mailing, 6-acetylmorphine (6-AM), Hydrocodone, and Meperidine challenges have been added to the result form. These challenges are not formally evaluated.

Reporting Code Changes

The following manufacturers have deleted or updated codes for this mailing:

None

Storage and Stability Instructions

1. Shipments to **international customers** are transported under different conditions. Upon receipt of the kit, follow the instructions in this section.
2. Specimens should be refrigerated upon receipt.
3. Store specimens at -10 to -20°C if testing is delayed for more than 5 days after receipt.
4. Just prior to testing, remove the specimens from the refrigerator or freezer. Allow specimens to reach room temperature before sampling. Mix gently and thoroughly prior to testing.
5. Specimens are formulated with human urine, CAP-specified analytes, and ethanol as necessary.

Critical Reporting Information

1. For any testing that you do not routinely perform in your laboratory, leave all reporting areas for that test blank unless otherwise noted.
2. When using a non-specific amphetamines assay, use the amphetamine/ methamphetamine group reporting area. When using kits specific for amphetamine, methamphetamine, and methylenedioxymethamphetamine, use the specific reporting areas provided on the result form.
3. Amphetamines group assay reporting codes 1035 and 1037 should only be used to report for Amphetamines. Use of these codes for the non-amphetamines group reporting (eg, Opiates, Barbiturates) is not appropriate and may result in unacceptable performance.

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Important: See the Biohazard Warning at the end of these instructions.

4. Grading is based on **cut-off concentration, method, and the assay** manufacturer that is being used.
5. Review the method and manufacturer master list carefully as method and/or manufacturer used may already be listed.

Reporting Your Results

General Reporting Instructions

1. **Exception Codes:** If you must report an analytical problem for a test or individual analyte, **leave the result area for that section blank** and select one of the following bubbles on the result form within that section. The exception code bubble that you select will apply **only** to the result area(s) left blank. If your laboratory does not perform testing, do not use an exception code. Documentation on the use of these codes is the responsibility of the laboratory and should be kept internally.
   - **11 Unable to analyze**
     Use code 11 to indicate **your laboratory** was unable to analyze the specimens (eg, instrument not functioning, reagents not available). You do not need to call the CAP to use this code.
   - **33 Specimen unsatisfactory**
     You **must** contact the CAP to use this code.

   For graded analytes, if you select an exception code bubble **and** enter data on the result form, the data will be graded.
2. Participants are evaluated on their ability to detect the absence or presence of drugs based on the method, assay manufacturer, and cut-off concentrations.
   - **You must submit a method, assay manufacturer, and cut-off concentration value for each drug.**
   - **Cut-off concentration values are on the result form and specific for each drug. Select only one cut-off option for each drug.**
3. **Roche Amphetamines II assay users:** For optimum grading, the manufacturer recommends you report under the Amphetamine/Methamphetamine reporting area because this assay is a non-specific amphetamines assay.

Submitting Results

1. Results **must** be received no later than midnight, Central Time by the due date on the result form.
2. In order to enter results on cap.org, laboratory staff must first create a personal Web account, affiliate themselves with a laboratory, obtain approval from their site administrator, and then log in.
3. Your laboratory must enroll/register by using the PIN number that was originally emailed to your laboratory director. If you are not enrolled/registered and need your PIN number, contact the CAP.

Biohazard Warning

All program specimens should be treated as if potentially infectious and should be handled as if they are capable of transmitting disease.

Program specimens are prepared from blood or other source material obtained from human donors or animals.

When working with program specimens, precautions should be taken to protect yourself and others from accidental exposure to infectious agents such as HIV, HBV, and HCV.

HIV can be transmitted through accidental parenteral inoculation, mucous membranes, or non-intact skin contact with HIV infected blood or body fluids. HBV and HCV can be transmitted through accidental parenteral inoculation, mucous membranes, non-intact skin contact, aerosolization or ingestion.

Precautions described in CDC and FDA recommendations and OSHA blood borne pathogen rules should be followed at all times when handling program specimens and reagents.

Such precautions include the following:

- Gloves should be put on **before opening the container** and should be kept on throughout the period specimens are handled. Replace gloves if contaminated, or if their ability to function as a barrier is compromised.
- At high altitudes, specimens should be opened in a hood or biologic safety cabinet.
- There should be no eating, drinking, or smoking in the laboratory.
- Hands should be washed after removing gloves and before leaving the testing area.
- Program specimens and reagents should be kept in separate refrigerators from those containing blood or blood components for transfusion.
- Program specimens, reagents, and disposable equipment used in testing should be autoclaved or incinerated and disposed of as hazardous waste. Disposal must follow local regulations, if more stringent than regulations enforced by the CDC or the FDA.

Warning: This program may contain chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

If there has been an accident in which you have been exposed to the testing materials, call the CAP Hot Line at 800-443-3244 (domestic) or 001-847-470-2812 (international) at any time. You can access Safety Data Sheets (SDS) by logging on to cap.org. Under the Laboratory Improvement tab, click on Catalog and Ordering Information.

For Assistance

Provide your CAP number and contact information with all correspondence. Participants in countries serviced by a designated CAP distributor should contact their distributor's customer service department.

Telephone: 800-323-4040 option 1
(Monday - Friday, 7:00 AM – 5:30 PM US Central Time)
International Participants: 001-847-832-7000 option 1

Email: contactcenter@cap.org
Website: cap.org

Address: CAP Surveys Program
325 Waukegan Road
Northfield, IL 60093-2750
USA

MASTER LISTS

Method Master List

Deleted codes
None

New/Updated codes
None

0010	Other, specify on result form
Ethanol	
1479	Alcohol Dehydrogenase/DRI
1164	Alcohol Dehydrogenase/Radiative Energy Attenuation
1165	Alcohol Dehydrogenase/UV or Visible Spectrophotometry
1740	Enzyme Oxidation-dry film (Vitros)
1064	Gas Chromatography
Drugs	
1695	Chemiluminescence
1034	Cloned Enzyme Donor Immunoassay [CEDIA]
1640	Cloned Enzyme Donor Immunoassay [CEDIA], Amphetamine/Ecstasy
1603	Colloidal Metal Immunoassay (CMI) [Triage]
1774	Colloidal Metal Immunoassay (CMI) [Other]
1649	Enzyme Immunoassay (EIA), [DRI]
1031	Enzyme Immunoassay (EIA), [EMIT]
1032	Enzyme Immunoassay (EIA), [Other]
1658	Enzyme Immunoassay, Amphetamine Class Assay
1035	Enzyme Immunoassay, Amphetamine/ Methamphetamine [EMIT]
1037	Enzyme Immunoassay, Amphetamine/ Methamphetamine [Other]
1516	Enzyme Linked Immunosorbent Assay (ELISA)
1277	Fluorescence Immunoassay (FIA)
1267	Fluorescence Polarization Immunoassay (FPIA)
1270	High Performance Liquid Chromatography (HPLC)
1627	Homogeneous Enzyme Immunoassay (HEIA)
1251	Immunochromatography
1497	Kinetic Interaction of Microparticles (KIMS)
1363	Lateral Flow Immunoassay
1249	Microparticle Immunoassay (MIA)
1271	Thin Layer Chromatography (TLC)
1272	TLC-Commercial Kit

Assay Manufacturer Master List

Deleted codes
None

New/Updated codes
1208 Quidel Triage

2161	Abbott
3505	ABON Biopharm
2102	ACON
2028	Advanced Technology Network (ATN FasTox)
2003	Alfa Scientific
3569	AMEDITEC
2191	American Bio Medica
3511	American Screening Corp
2209	Applied Biotech
3686	ARK Diagnostics
2215	Beckman Coulter
3570	Biosynex
2240	Bio-Rad
1797	Branan Medical Corp (BMC)
1560	BTNX
3477	CareHealth America
2177	Carolina Liquid Chemistries
2824	Chemtron
3497	Clarity
2096	Immunalysis
1994	Innovacon
1538	Instant Technologies
2158	Inverness Medical Innovations
3571	Jant Pharmacal
2365	LifeSign
1090	Lin-Zhi International (LZI)
2891	MedTox
2386	Microgenics
3512	Noble Medical (ImmuTest)
2585	Nova Scientific
1926	OraSure
1635	Princeton Biomeditech
1208	Quidel Triage
1776	Randox
2596	Redwood Toxicology Lab
2426	Roche
2451	Siemens
3153	Signify
2039	Syntron Bioresearch
3572	Tanner Scientific (BluRapids)
1668	Thermo Fisher Scientific
1246	Varian
1544	Vitros
2768	Wondfo
0010	Other, specify on result form