

Drugs of Abuse Integrated Strip/Card/Device/Cup(Urine)

Package Insert for testing of any combination of the following drugs: 6-MAM/7-ACL/ACE/AMP/BAR/BUP/BZO/COC/COT/EDDP/ETG/FYL/GAB/HMO/K2/K3/KET/LS D/MDMA/MET/MOP/MPD//MQL/MTD/OPI/OXY/PCP/PPX/TCA/THC/TRA/ZOL/TZD/PGB/ ALC

For Employment, Insurance, & Forensic Testing

Master IFU

Drug Tests (Strip/Card/Device/Cup) is a rapid visual immunoassay for the qualitative, presumptive detection of any combination of drugs of abuse in human urine specimens at the cut-off concentrations

G-Man	listed below: Test	Calibrator	Cut-off (ng/mL)
7-ACL ACE 7-Aminoclonazepam 300 ACE Acetaminophen 5000 ALC Alcohol 0.02% AMP d-Amphetamine 1000 AMP d-Amphetamine 300 BAR Secobarbital 300 BUP BUP-3-D-Glucuronide 10 BUP BUP-3-D-Glucuronide 5 BZO Oxazepam 300 BZO Oxazepam 200 BZO Oxazepam 100 COC Benzoylecgonine 200 COC Benzoylecgonine 100 COC Benzoylecgonine 100 COT (-)-Cotinine 600 COT (-)-Cotinine 500 COT (-)-Cotinine 200 COT (-)-Cotinine 300 COT (-)-Cotinine 200 EDDP 2-Ethylidine-1,-S-dimethyl-3,-diphenylpyrrolidine 100 ETG Ethyl Glocuronide 500 FYL Fentanyl <td< td=""><td>6-MAM</td><td>6-Monoacetylmorphine</td><td></td></td<>	6-MAM	6-Monoacetylmorphine	
ALC Alcohol 0.02% AMP d-Amphetamine 1000 AMP d-Amphetamine 500 AMP d-Amphetamine 300 BAR Secobarbital 300 BUP BUP-3-D-Glucuronide 10 BUP BUP-3-D-Glucuronide 5 BZO Oxazepam 300 BZO Oxazepam 200 BZO Oxazepam 100 COC Benzoylecgonine 300 COC Benzoylecgonine 100 COC Genzoylecgonine 100 COC Genzoyl	7-ACL		300
AMP d-Amphetamine 1000 AMP d-Amphetamine 300 AMP d-Amphetamine 300 BAR Seobarbital 300 BUP BUP-3-D-Glucuronide 1 BUP BUP3-D-Glucuronide 5 BZO Oxazepam 300 BZO Oxazepam 200 BZO Oxazepam 100 CCC Benzoylecgonine 300 CCC Benzoylecgonine 150 CCC Genzoylecgonine 150 CCC Genzoylecgonine 150 CCT C-1-Cotinine 600 <	ACE	Acetaminophen	5000
AMP AMP AMP AMP d-Amphetamine AMP	ALC	Alcohol	0.02%
AMP	AMP	d-Amphetamine	
BAR Secobarbital 300 BUP BUP 3-D-Glucuronide 15 BZO Oxazepam 300 BZO Oxazepam 200 BZO Oxazepam 100 COC Benzoylecgonine 200 COC Benzoylecgonine 150 COC Benzoylecgonine 100 COT (-)-Cotinine 600 COT (-)-Cotinine 500 COT (-)-Cotinine 300 COT <			
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THC 11-nor-△9-THC-9-COOH 200 THC 11-nor-△9-THC-9-COOH 150 THC 11-nor-△9-THC-9-COOH 50 THC 11-nor-△9-THC-9-COOH 25 TML Tramadol 300 TML Tramadol 200 TML Tramadol 100 TZD Trazodone 25 ZOL Zolpidem 50 ZOL Zolpidem 25	PPX		300
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ZOLZolpidem50ZOLZolpidem25			
ZOL Zolpidem 25			

Adulteration (StripA) Oxidants / Specific Gravity / PH

Adulteration (StripB) Nitrite / Glutaraldehyde / Creatinine

Drug Tests (Strip/Card/Device/Cup)is an immunoassay based on the principle of competitive binding. Drugs that may be present in the urine specimen compete against their respective drug conjugate for binding sites on their specific antibody.

During testing, a portion of the urine specimen migrates upward by capillary action. A drug, if present in the urine specimen below its cut-off concentration, will not saturate the binding sites of its specific antibody. The antibody will then react with the drug-protein conjugate and a visible colored line will appear in the test line region of the corresponding drug strip. The presence of drug above the cut-off concentration in the urine specimen will saturate all the binding sites of the antibody. Therefore, no colored line will form in the test line region.

A drug-positive urine specimen will not generate a colored line in the specific test line region of the strip because of drug competition, while a drug-negative urine specimen will generate a line in the test line region because of the absence of drug competition. To serve as a procedural control, a colored line will always appear at the control line region, indicating that proper volume of specimen has been added and membrane wicking has occurred.

Adulteration is the tampering of a urine specimen with the intention of altering the test results. The use of adulterants can cause false negative results in drug tests by either interfering with the screening test and/or destroying the drugs present in the urine. Dilution may also be employed in an attempt to produce false negative drug test results.

One of the best ways to test for adulteration or dilution is to determine certain urinary characteristics such as Creatinine, pH, and Specific Gravity and to detect the presence of Glutaraldehyde, Nitrite and Oxidants/Pyridinium Chlorochromate in urine.

Creatinine (CRE): Tests for specimen dilution. Creatinine is a waste product of Creatine, and is an amino-acid contained in muscle tissue and found in urine.1 A person may attempt to foil a drug test by drinking excessive amounts of water or diuretics such as herbal teas to flush the system. Creatinine and Specific Gravity are two ways to check for dilution and flushing, which are the most common mechanisms used to circumvent drug testing. Low Creatinine and Specific Gravity levels may indicate diluted urine. The absence of Creatinine (<5 mg/dL) is indicative of a specimen not consistent with

Nitrite (NIT): Tests for commonly used commercial adulterants. They work by oxidizing the major cannabinoid metabolite THC-COOH.2 Normal urine should contain no trace of Nitrites. Positive results generally indicate the presence of an adulterant.

Glutaraldehyde (GLUT): Tests for the presence of aldehydes. Adulterants can contain Glutaraldehyde and can cause false negative screening results by disrupting the enzyme used in some immunoassay tests. 3Glutaraldehyde is not normally found in urine; therefore, detection of Glutaraldehyde in a urine specimen is generally indicates adulteration.

pH: Tests for the presence of acidic or alkaline adulterants in urine. Normal pH levels should be in the range of 4.0 to 9.0. Values outside of this range may indicate that the specimen has been altered

Specific Gravity (SG): Tests for specimen dilution. The normal range is from 1.003 to 1.030. Values outside this range may be the result of specimen dilution or adulteration.

Oxidants/Pyridinium Chlorochromate (OXI/PCC): Tests for the presence of oxidizing reagents such as bleach and hydrogen peroxide. Pyridinium Chlorochromate is a commonly used adulterant. 3 Normal human urine should not contain Oxidants or PCC.

Test strip/card/device/cup

Package insert

Timer

Materials Required but Not provided

Centrifuge

Positive and negative controls

PRECAUTIONS

- · For professional in vitro diagnostic use only.
- Do not use after the expiration date indicated on the package. Do not use the test if the foil pouch is damaged. Do not reuse tests.
- Avoid cross-contamination of specimens by using a new specimen collection container for each specimen obtained.
- Read the entire procedure carefully prior to testing.
- . Do not eat, drink or smoke in the area where specimens and kits are handled. Handle all specimens as if they contain infectious agents. Observe established precautions against microbiological hazards throughout the procedure and follow standard procedures for the proper disposal of specimens. Wear protective clothing such as laboratory coats, disposable gloves and eye protection when specimens are assayed.
- Humidity and temperature can adversely affect results.
- · Used testing materials should be discarded in accordance with local regulations.

STORAGE AND STABILITY

- The kit should be stored at 2-30 °C until the expiry date printed on the sealed pouch.
- The test must remain in the sealed pouch until use.
- Do not freeze.
- Kits should be kept out of direct sunlight.
- Care should be taken to protect the components of the kit from contamination. Do not use if there is evidence of microbial contamination or precipitation. Biological contamination of dispensing equipment, containers or reagents can lead to false results.

SPECIMEN COLLECTION AND STORAGE

- The Drugs of Abuse Integrated Cup(Urine) is intended for use with human urine specimens only.
- Urine collected at any time of the day may be used.
- · Urine specimens must be collected in clean, dry containers.
- Turbid specimens should be centrifuged, filtered, or allowed to settle and only the clear supernatant should be used for testing.
- Perform testing immediately after specimen collection. Do not leave specimens at room temperature for prolonged periods. Urine specimens may be stored at 2-8 °C for up to 2 days. For long term storage, specimens should be kept below -20 °C.
- Bring specimens to room temperature prior to testing. Frozen specimens must be completely thawed and mixed well prior to testing. Avoid repeated freezing and thawing of specimens.
- · If specimens are to be shipped, pack them in compliance with all applicable regulations for transportation of etiological agents.

PROCEDURE

For Drug Test Strip:

- Equilibrate the test strip, urine specimens or external controls to room temperature (15-30°C)
- Remove the test strip from the sealed pouch and dip the end of the strip into the specimen for at least 15 seconds to 20 seconds or until migration occurs. Immerse the strip just below the top line of the wave line on the test strips.
- Place the test strip on a flat dry surface.
- Read the results at 5minutes.Do not interpret the result after 10 minutes.



For Drug Test Card:

- 1. Equilibrate the test card, or the test strip, urine specimens or external controls to temperature(15-30 °C) prior to testing.
- 2.Removing the test card from the sealed pouch and dip the card into the specimen for at least 15 seconds to 20 seconds or until migration occurs. Immerse the strip(s) of the test card just below the top line of the wave line on the test strips; do not dip the card above the top line.
- 3.Place the test card or the test strip on a flat dry surface.
- 4.Read the adulteration strips between 3 to 5 minutes (when applicable) by comparing the colors in the adulteration pads to the enclosed color chart. If the specimen indicates adulteration, refer to your Drug Free Policy for guidelines on adultered specimens. We recommended not to interpret the drug test results and suggest you to retest the urine by using another specimen.
- 5.Read the results at 5minutes.Do not interpret the result after 10 minutes.



For Drug Test Device:

Allow the test device, urine specimen, and/or controls to equilibrate to room temperature(15-30 °C) prior to testing.

- 1.Bring the pouch to room temperature before opening it. Remove the test device from the sealed pouch and use it as soon as possible.
- 2.Place the test device on a clean and level surface. Hold the dropper vertically and transfer 3 full drops of urine (approx. 120 µL) to the specimen well (S) of the test device, and then start the timer. Avoid trapping air bubbles in the specimen well (S). See the illustration below.
- 3. Wait for the colored line(s) to appear. The result should be read at 5. Do not interpret the result after 10 minutes.. It is important that the background is clear before the result is read.

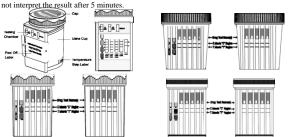


Bring tests, specimens, and/or controls to room temperature (15-30 °C) before use if stored at refrigerated temperatures. Remove the cupfrom sealed pouch and use it as soon as possible

- Donor dates and initials body label.
- Donor provides a urine specimen in the cup and screws cap on to it. Start timer immediately.
- 3. Operator checks the cap for tightness.
- Remove the peel-off label.

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- Check the temperature strip label at 2-4 minutes after specimen collection for the fresh urine specimen. A green color will appear to indicate the temperature of the urine specimen. The proper range for an unadulterated specimen is 90-100 F (32-38 °C).
- Drug test results are indicated by the presence or absence of colored band(s) in the result area of the
 test strips. The result should be read at 5 minutes. Do not interpret the result after 10 minutes.
- Positive test results must be confirmed by another test method. Send the cup and urine specimen intact to a toxicology laboratory for confirmation.
- 8. For the adulteration, compared with the color card, and the results should be read at 2 minutes, do



INTERDRETATION OF DECLI TO

(See previous illustration)

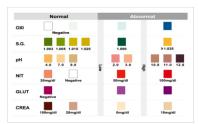
POSITIVE: Only one colored band appears, in the control region (C). No colored band appears in the test region (T) for the drug in question. A positive result indicates that the drug concentration exceeds the detectable level.

NEGATIVE: Two colored bands appear on the membrane. One band appears in the control region (C) and another band appears in the test region (T) for the drug in question. A negative result indicates that the drug concentration is below the detectable level.

INVALID:Control band fails to appear. Results from any test which has not produced a control band at the specified read time must be discarded. Please review the procedure and repeat with a new test. If the problem persists, discontinue using the kit immediately and contact your local distributor.

- The intensity of color in the test region (T) may vary depending on the concentration of analytes
 present in the specimen. Therefore, any shade of color in the test region (T) should be considered
 negative. Please note that this is a qualitative test only, and cannot determine the concentration of
 analytes in the specimen.
- Insufficient specimen volume, incorrect operating procedure or expired tests are the most likely reasons for control band failure.

The Result Of Adulteration Strips:



The Urine Adulteration Test Strips (Urine) are meant to aid in the determination of abnormal specimens. While comprehensive, these tests are not meant to be an all-inclusive representation of possible adulterants.

Creatinine: Normal Creatinine levels are between 20 and 350 mg/dL. Under rare conditions, certain kidney diseases show dilute urine.

Nitrite: Nitrite is not a normal component of human urine. However, Nitrite found in urine may indicate urinary tract infections or bacterial infections. Nitrite levels of >20 mg/dL may produce false positive Glutaraldehyde results.

Glutaraldehyde: Glutaraldehyde is not normally found in urine. However, certain metabolic abnormalities such as ketoacidosis (fasting, uncontrolled diabetes or high-protein diets) may interfere with the test results.

Specific Gravity: Elevated levels of protein in urine may cause abnormally high Specific Gravity values

Oxidants/PCC: Normal human urine should not contain Oxidants or PCC. The presence of high levels of antioxidants in the specimen, such as ascorbic acid, may result in false negative results for the Oxidants/PCC pad.

QUALITY CONTROL

The Quality Control Of DOA:

- Internal procedural controls are included in the test. A colored band appearing in the control region
 (C) is considered an internal positive procedural control, confirming sufficient specimen volume
 and correct procedural technique.
- External controls are not supplied with this kit. It is recommended that positive and negative
 controls be tested as a good laboratory practice to confirm the test procedure and to verify proper
 test performance.

The Quality Control Of Adulteration Strips:

Control standards are not supplied with this kit. However, it is recommended that positive and negative specimens or controls be tested as good laboratory practice to confirm the test procedure and to verify proper test performance.

LIMITATIONS OF THE TEST

- Drug Tests (Strip/Card/Device/Cup) is for professional in vitro diagnostic use, and should be only
 used for the qualitative detection of drugs of abuse.
- 2. This assay provides a preliminary analytical test result only. A more specific alternative chemical method must be used in order to obtain a confirmed analytical result. Gas chromatography/mass spectrometry (GC/MS) has been established as the preferred confirmatory method by the National Institute on Drug Abuse (NIDA). Clinical consideration and professional judgment should be applied to any test result, particularly when preliminary positive results are indicated.
- There is a possibility that technical or procedural errors as well as other substances and factors may interfere with the test and cause false results.
- Adulterants, such as bleach and/or alum, in urine specimens may produce erroneous results regardless
 of the analytical method used. Therefore, please preclude the possibility of urine adulteration prior to
 testing.
- A positive result indicates the presence of a drug/metabolite only, and does not indicate or measure intoxication.
- A negative result does not at any time rule out the presence of drugs/metabolites in urine, as they may be present below the minimum detection level of the test.
- This test does not distinguish between drugs of abuse and certain medications.

The Limitations Of Adulteration Strips:

The Urine Adulteration Test Strips (Urine) are meant to aid in the determination of abnormal specimens. While comprehensive, these tests are not meant to be an all-inclusive representation of possible adulterants

1.Creatinine: Normal Creatinine levels are between 20 and 350 mg/dL. Under rare conditions, certain kidney diseases show dilute urine.

2.Nitrite: Nitrite is not a normal component of human urine. However, Nitrite found in urine may indicate urinary tract infections or bacterial infections. Nitrite levels of >20 mg/dL may produce false positive Glutaraldehyde results.

3.Glutaraldehyde: Glutaraldehyde is not normally found in urine. However, certain metabolic abnormalities such as ketoacidosis (fasting, uncontrolled diabetes or high-protein diets) may interfere with the test results.

4.Specific Gravity: Elevated levels of protein in urine may cause abnormally high Specific Gravity values.

5.Oxidants/PCC: Normal human urine should not contain Oxidants or PCC. The presence of high levels of antioxidants in the specimen, such as ascorbic acid, may result in false negative results for the Oxidants/PCC pad.

PERFORMANCE CHARACTERISTICS

A. Accuracy

The accuracy of Drug Tests (Strip/Card/Device/Cup) was established by running urine samples against GC/MS

OCHIED.								
Specimen	ACE	AMP	AMP500	AMP300	BAR	BUP10	BUP5	BZO
Positive	96.1%	95.8%	95.9%	96.1%	97.8%	100%	100%	95.3%
Negative	100%	100%	100%	100%	98.1%	100%	100%	92.9%
Total	98.1%	98.1%	98.1%	98.1%	98%	100%	100%	93.9%

Specimen	BZO200	BZO100	COC	COC200	COC150	COC100	COT	COT300
Positive	97.4%	95.9%	98.2%	95.7%	96%	98.2%	96.5%	97.9%
Negative	98.2%	98%	98.1%	98.1%	94%	98.1%	98%	98.1%
Total	97.9%	97%	98.2%	97.0%	95%	98.2%	97.2%	98%

Specimen	COT200	EDDP	EDDP100	ETG500	FYL20	FYL10	HMO	K2	K2 25
Positive	97.7%	98.6%	95.8%	79.7%	96.8%	94.4%	95.9%	98.9%	97.5%
Negative	97.9%	100%	100%	84.7%	100%	100%	100%	100%	98.4%
Total	98%	99.1%	98.1%	82.2%	98.3%	97.2%	98.0%	99%	98.0%

	KET	LSD	6-MAM	MDMA	MDMA50	MET	MET500	MET300
Positive	98%	100%	96.8%	98.5%	100%	96.8%	96.9%	96.8%
Negative	98.6%	100%	100%	98.2%	100%	100%	100%	100%
Total	98.3%	100%	98.2%	98.3%	100%	98.3%	98.3%	98.4%

Specimen	MOP	MOP200	MOP100	MPD	MQL	MTD	OPI	OPI1000
Positive	96.8%	96.1%	96.1%	97.7%	98.4%	96.1%	97.6%	96.5%
Negative	97.9%	100%	100%	98.4%	98%	100%	98.4%	96%
Total	97.3%	98.1%	98.1%	98.1%	98.2%	98.1%	98.1%	96.3%

3	Specimen	OXY	OXY100	PCP25	PPX	TCA	THC	THC150	THC50	ZOL25
Ī	Positive	98%	96.1%	97.8%	97.8%	92.1%	96.1 %	98.4%	96.8%	98.4%
	Negative	97%	100%	100%	100%	100%	100 %	98.3%	98.3%	98.2%
	Total	97%	98.1%	98.9%	99%	96.8%	98.1 %	98.4%	97.5%	98.3%

Specimen	THC25	TML	TML100	ZOL	GAB	PGB500	PGB1000	K3	TZD
Positive	96.8 %	96.6%	98.4%	96.3%	97.7%	97.2%	97.2%	99.9%	99.9%
Negative	98.3 %	98.2%	100%	98%	98.4%	98.3%	98.2%	99.9%	99.9%
Total	97.5 %	97.4%	99.1%	97.1%	98.1%	97.8%	97.8%	99.9%	99.9%

Specimen	TML200	LSD	ZOL50
Positive	99 %	100%	96.3%
Negative	99 %	100%	98%
Total	99 %	100%	97.1%

*NOTE: BUP was based on LC/MS data instead of GC/MS

B. Sensitivity

The sensitivity of Drug Tests (Strip/Card/Device/Cup)was determined by testing GC/MS confirmed controls at negative, -50% cut-off, -25% cut-off, cut-off, +25% cut-off, +50% cut-off and 3 times cut-off concentrations. The results are summarized below:

Drug Conc.	n	A	CE	Al	ИP	AMI	P500	AMI	P300	BA	ΑR	BU	JР	BU	IP5	BZ	O
(Cut-off)		-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+
Negative	50	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50	0
50% Cut-off	50	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50	0
75% Cutoff	50	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50	0
Cutoff	50	19	31	16	34	14	36	20	30	11	39	25	25	21	29	17	33
125% Cutoff	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50
150% Cutoff	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50
3×Cutoff	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50

Drug Conc.	n	BZC	200	BZC	100	CO	OC	COO	2200	COO	C150	COO	C100	HN	ON	K	2
(Cut-off)		-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+
Negative	50	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50	0
50% Cut-off	50	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50	0
75% Cutoff	50	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50	0
Cutoff	50	11	39	12	39	11	39	18	32	24	26	23	27	25	25	14	36
125% Cutoff	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50
150% Cutoff	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50
3×Cutoff	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50
		-				-				-		l ~		0		_	

Drug Conc.	n	LS	SD	6-M	ΙΑΜ	CO	TC	COT	Γ300	CO	Γ200	ED	DP	EDD	P100	ET	ſĠ
(Cut-off)		-	+	-	+	-	+	-	+	-	+	-	+	-	+		+
Negative	50	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50	0
50% Cut-off	50	50	0	50	0	50	0	50	0	50	0	50	0	50	0	47	3
75% Cutoff	50	50	0	50	0	50	0	50	0	50	0	50	0	50	0	42	8
Cutoff	50	22	28	25	25	15	35	17	33	13	37	24	26	25	25	18	32
125% Cutoff	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50	5	45
150% Cutoff	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50
3×Cutoff	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50

Drug	n	FY	L20	FY	L10	KI	ΞT	MD	MA	MDMA	A500	M	ET	ME.	Γ500	ME	T300
(Cut-off)		-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+
Negative	50	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50	0
50%	50	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50	0
75%	50	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50	0
Cutoff	50	22	28	25	25	16	34	25	25	13	37	23	27	10	40	15	35
125%	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50
150%	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50
3×Cutoff	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50

Drug Conc.	n	M	OP	MOI	P200	MOI	2100	Ml	PD	M	QL	M	ΓD	O	ΡI	OPI	1000	ZC)L
(Cut-off)		-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+
Negative	50	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50	0
50%	50	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50	0
75% Cutoff	50	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50	0
Cutoff	50	18	32	18	32	20	30	22	28	14	36	6	44	23	27	13	37	16	34
125%	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50
150%	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50
3×Cutoff	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50

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Drug Conc.	n	OX	Y	OXY	7100	PO	CР	PI	PΧ	TO	CA	THO	2200	THO	C150	TH	C50	T2	ZD
(Cut-off)		-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+
Negative	50	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50	0
50%	50	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50	0
75% Cutoff	50	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50	0
Cutoff	50	19	31	19	31	9	41	20	30	9	41	17	33	19	31	17	33	20	30
125%	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50
150%	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50
3×Cutoff	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50	0	50

	1	r —															
Drug Conc.	n	TH	C25	TN	ИL	TMI	L100	Z	DL	K2	25	G/	AΒ	PGE	3500	PGB	1000
(Cut-off)		-	+	-	+	-	+	-	-	+	+	-	+	-	+	-	+
Negative	50	50	0	50	0	50	0	30	30	0	0	50	0	50	0	50	0
50% Cut-off	50	50	0	50	0	50	0	30	30	0	0	50	0	50	0	50	0
75% Cutoff	50	50	0	50	0	50	0	24	21	9	6	50	0	50	0	41	9
Cutoff	50	11	39	15	35	11	39	1	3	27	29	16	34	8	42	3	47
125% Cutoff	50	0	50	0	50	0	50	2	2	28	28	0	50	0	50	2	28
150% Cutoff	50	0	50	0	50	0	50	0	0	30	30	0	50	0	50	0	50
3×Cutoff	50	0	50	0	50	0	50	0	0	30	30	0	50	0	50	0	50

Drug Conc.	n	K	.3	TML	200	LS	SD	ZO	L50
(Cut-off)		-	+	-	+	-	+	-	+
Negative	50	50	0	50	0	50	0	50	0
50% Cut-off	50	50	0	50	0	50	0	50	0
75% Cutoff	50	50	0	50	0	50	0	50	0
Cutoff	50	12	38	14	36	22	28	16	34
125% Cutoff	50	0	50	0	50	0	50	0	50
150% Cutoff	50	0	50	0	50	0	50	0	50
3×Cutoff	50	0	50	0	50	0	50	0	50

C. Specificity

6-Monoacetylmorphine

Nordiazepam

The following tables list the concentrations of compounds (ng/mL) above which the Drug Tests (Strip/Card/Device/Cup)identified positive results at 5 minutes.

6-MAM 10 related compounds

o Monoacety miorpinie	10
Acetylcodeine	>10,000
Buprenorphine	>10,000
Codeine	>10,000
Diacetylmorphine	1,000
Dihydrocodeine	>10,000
Ethylmorphine	>10,000
Hydrocodone	>10,000
Hydromorphone	5,000
Morphine	10,000
Morphine-3-glucuronide	>10,000
Nalorphine	5,000
Thebaine	>20,000
7-ACL 300 related compounds	
7-amine-clonazepam	300
Oxazepam	>10,000
Alprazolam	>10,000
Bromazepam	>10,000
Chlordiazepoxide	>10,000
Clobazam	>10,000
Clonazepam	10000
Clorazepate dipotassium	>10,000
Desalkylflurazepam	>10,000
Diazepam	>10,000
Estazolam	>10,000
Flunitrazepam	>50,000
(±) Lorazepam	10000
Midazolam	>100,000
Nitrazepam	>10,000
Norchlordiazepoxide	>100,000

Lormetazepam

Medazepam

Midazolam

>100,000

Temazepam	>10,000	Nitrazepam	25000
Acetaminophen 5000 related compounds		Norchlordiazepoxide	250
Acetaminophen	5,000	Nordiazepam	500
Acetophenetidine	7,500	Prazepam	>100,000
Amphetamine 1000 related compounds		Temazepam	63
d-Amphetamine	1,000	Triazolam	5000
1-Amphetamine	>100,000	Benzodiazepines 200 related compounds	
d-methamphetamine	>100,000	Oxazepam	200
1-methamphetamine	>100,000	Alprazolam	83
3,4-Methylenedioxyamphetamine	1,250	Bromazepam	417
3,4-Methylenedioxy-methamphetamine	>100,000	Chlordiazepoxide	1,667
3,4-Methylenedioxyethylamphetamine	>100,000	Clobazam	42
Paramethoxyamphetamine	625	Clonazepam	1,667
Phentermine	1,250	Clorazepate	2,220
Tyramine	>100,000	Desalkflurazepam	167
Amphetamine 500 related compounds		Diazepam	167
d-Amphetamine	500	Estazolam	3,333
l-Amphetamine	50,000	Fentanyl	>100,000
3,4-Methylenedioxyamphetamine	625	Flunitrazepam	250
Phentermine	1,250	Flurazepam	>100,000
Paramethoxyamphetamine	625	Lorazepam	833
Tyramine	>100,000	Lormetazepam	833
Amphetamine 300 related compounds		Medazepam	>100,000
d-Amphetamine	300	Midazolam	>100,000
l-Amphetamine	50,000	Nitrazepam	16,667
Mephentermine hemisulfate salt	>100,000	Norchlordiazepoxide	167
3,4-Methylenedioxyamphetamine (MDA)	625	Nordiazepam	333
Phentermine	625	Prazepam	>100,000
Paramethoxyamphetamine (PMA)	625	Temazepam	42
Paramethoxymethamphetamine (PMMA)	>100,000	Triazolam	3,333
Tyramine	>100,000	Benzodiazepines 100 related compounds	
Barbiturates 300 related compounds		Oxazepam	100
Barbiturates 300 related compounds Secobarbital	300	Oxazepam Alprazolam	42
Barbiturates 300 related compounds Secobarbital Allobarbital	300 1,250	Oxazepam Alprazolam Bromazepam	42 208
Barbiturates 300 related compounds Secobarbital Allobarbital Alphenal	300 1,250 625	Oxazepam Alprazolam Bromazepam Chlordiazepoxide	42 208 833
Barbiturates 300 related compounds Secobarbital Allobarbital Alphenal Amobarbital	300 1.250 625 625	Oxazepam Alprazolam Bromazepam Chlordiazepoxide Clobazam	42 208 833 21
Barbiturates 300 related compounds Secobarbital Allobarbital Alphenal Amobarbital Aprobarbital	300 1,250 625 625 188	Oxazepam Alprazolam Bromazepam Chlordiazepoxide Clobazam Clonazepam	42 208 833 21 833
Barbiturates 300 related compounds Secobarbital Allobarbital Alphenal Amobarbital Aprobarbital Butabarbital	300 1.250 625 625 188 94	Oxazepam Alprazolam Bromazepam Chlordiazepoxide Clobazam Clonazepam Clorazepate	42 208 833 21 833 1,110
Barbiturates 300 related compounds Secobarbital Allobarbital Alphenal Amobarbital Aprobarbital Butabarbital Butabarbital Butabarbital	300 1.250 625 625 188 94 2,500	Oxazepam Alprazolam Bromazepam Chlordiazepoxide Clobazam Clonazepam Clorazepate Desalkflurazepam	42 208 833 21 833 1,110
Barbiturates 300 related compounds Secobarbital Allobarbital Alphenal Amobarbital Aprobarbital Butabarbital Butabarbital Butabarbital Butabarbital	300 1,250 625 625 625 188 94 2,500	Oxazepam Alprazolam Bromazepam Chlordiazepoxide Clobazam Clorazepam Clorazepate Desalkflurazepam Diazepam	42 208 833 21 833 1,110 83
Barbiturates 300 related compounds Secobarbital Allobarbital Alphenal Amobarbital Aprobarbital Butabarbital Butabarbital Butethal Cyclopentobarbital	300 1,250 625 625 188 94 2,500 200	Oxazepam Alprazolam Bromazepam Chlordiazepoxide Clobazam Clonazepam Clorazepate Desalkflurazepam Diazepam	42 208 833 21 833 1,110 83 83 1,667
Barbiturates 300 related compounds Secobarbital Allobarbital Alphenal Amobarbital Aprobarbital Butabarbital Butabital Butethal Cyclopentobarbital Pentobarbital	300 1,250 625 625 188 94 2,500 200 400 1,000	Oxazepam Alprazolam Bromazepam Chlordiazepoxide Clobazam Clonazepam Clorazepate Desalkflurazepam Diazepam Estazolam Fentanyl	42 208 833 21 833 1,110 83 83 1,667 >100,000
Barbiturates 300 related compounds Secobarbital Allobarbital Alphenal Amobarbital Aprobarbital Butabarbital Butabarbital Butablatal Butethal Cyclopentobarbital Pentobarbital Phenobarbital	300 1,250 625 625 188 94 2,500 200	Oxazepam Alprazolam Bromazepam Chlordiazepoxide Clobazam Clonazepam Clorazepate Desalkfurazepam Diazepam Estazolam Fentanyl Flunitrazepam	42 208 833 21 833 1,110 83 83 1,667 >100,000
Barbiturates 300 related compounds Secobarbital Allobarbital Alphenal Amobarbital Aprobarbital Butabarbital Butabarbital Butabarbital Butabrital Butabrital Butabrital Butabital Buterhal Cyclopentobarbital Pentobarbital Phenobarbital Benzodiazepines 500 related compounds	300 1,250 625 625 188 94 2,500 200 400 1,000 300	Oxazepam Alprazolam Bromazepam Chlordiazepoxide Clobazam Clonazepam Clorazepate Desalkflurazepam Diazepam Estazolam Fentanyl Flunitrazepam Flurazepam	42 208 833 21 833 1,110 83 1,667 >100,000 125 >100,000
Barbiturates 300 related compounds Secobarbital Allobarbital Alphenal Amobarbital Aprobarbital Butabarbital Butabarbital Butabarbital Butabrital Cyclopentobarbital Pentobarbital Benzodiazepines 500 related compounds Oxazepam	300 1,250 625 625 188 94 2,500 200 400 1,000	Oxazepam Alprazolam Bromazepam Chlordiazepoxide Clobazam Clorazepate Desalkflurazepam Diazepam Estazolam Fentanyl Flunitrazepam Flurazepam Lorazepam Lorazepam	42 208 833 21 833 1,110 83 1,667 >100,000 125 >100,000 417
Barbiturates 300 related compounds Secobarbital Allobarbital Alphenal Amobarbital Aprobarbital Butabarbital Butabarbital Butabarbital Butabarbital Butethal Cyclopentobarbital Pentobarbital Pentobarbital Benzodiazepines 500 related compounds Oxazepam Benzodiazepines 300 related compounds	300 1,250 625 625 625 188 94 2,500 200 400 1,000 300	Oxazepam Alprazolam Bromazepam Chlordiazepoxide Clobazam Clorazepam Clorazepate Desalkflurazepam Diazepam Estazolam Fentanyl Flunitrazepam Flurazepam Lorazepam Lorazepam	42 208 833 21 833 1,110 83 83 1,667 >100,000 125 >100,000 417 417
Barbiturates 300 related compounds Secobarbital Allobarbital Alphenal Amobarbital Aprobarbital Butabarbital Butabarbital Butabarbital Butabrital Butethal Cyclopentobarbital Pentobarbital Phenobarbital Phenobarbital Phenobarbital Benzodiazepines 500 related compounds Oxazepam Benzodiazepines 300 related compounds Oxazepam	300 1,250 625 625 188 94 2,500 200 400 1,000 300	Oxazepam Alprazolam Bromazepam Chlordiazepoxide Clobazam Clorazepam Clorazepate Desalkflurazepam Diazepam Estazolam Fentanyl Flunitrazepam Lorazepam Lorazepam Lorazepam	42 208 833 21 833 1,110 83 83 1,667 >100,000 125 >100,000 417 417 417 >100,000
Barbiturates 300 related compounds Secobarbital Allobarbital Alphenal Amobarbital Aprobarbital Butabarbital Butabarbital Butabarbital Butethal Cyclopentobarbital Pentobarbital Phenobarbital Phenobarbital Benzodiazepines 500 related compounds Oxazepam Benzodiazepines 300 related compounds Oxazepam Alprazolam	300 1,250 625 625 188 94 2,500 200 400 1,000 300	Oxazepam Alprazolam Bromazepam Chlordiazepoxide Clobazam Clonazepam Clorazepate Desalkflurazepam Diazepam Estazolam Fentanyl Flunitrazepam Flurazepam Lorazepam Lorazepam Lorazepam Medazepam	42 208 833 21 833 1,110 83 83 1,667 >100,000 125 >100,000 417 417 417 >100,000 >100,000
Barbiturates 300 related compounds Secobarbital Allobarbital Alphenal Amobarbital Aprobarbital Butabarbital Butabarbital Butabrital Butabrital Butethal Cyclopentobarbital Pentobarbital Pentobarbital Phenobarbital Benzodiazepines 500 related compounds Oxazepam Benzodiazepines 300 related compounds Oxazepam Alprazolam Bromazepam	300 1,250 625 625 188 94 2,500 200 400 1,000 300 500	Oxazepam Alprazolam Bromazepam Chlordiazepoxide Clobazam Clonazepam Clorazepate Desalkflurazepam Diazepam Estazolam Fentanyl Flunitrazepam Flurazepam Lorazepam Lorazepam Lorazepam Lormetazepam Midazolam Nitrazepam	42 208 833 21 833 1,110 83 83 1,667 >100,000 125 >100,000 417 417 +100,000 >100,000 8,333
Barbiturates 300 related compounds Secobarbital Allobarbital Alphenal Amobarbital Aprobarbital Butabarbital Butabarbital Butabrital Butabrital Butabital Butethal Cyclopentobarbital Pentobarbital Pentobarbital Pentobarbital Phenobarbital Benzodiazepines 500 related compounds Oxazepam Benzodiazepines 300 related compounds Oxazepam Benzodiazepines 300 related compounds Oxazepam Chlordiazepoxide	300 1,250 625 625 188 94 2,500 200 400 1,000 300 500 300 125 625 2500	Oxazepam Alprazolam Bromazepam Chlordiazepoxide Clobazam Clorazepate Desalkflurazepam Diazepam Estazolam Fentanyl Flunitrazepam Flurazepam Lorazepam Lorazepam Lorazepam Medazepam Midazolam Nitrazepam	42 208 833 21 83 1,110 83 83 1,667 >100,000 125 >100,000 417 417 >100,000 >100,000 8,333 83
Barbiturates 300 related compounds Secobarbital Allobarbital Alphenal Amobarbital Aprobarbital Butabarbital Butabarbital Butabrital Butabrital Butabrital Butethal Cyclopentobarbital Pentobarbital Pentobarbital Benzodiazepines 500 related compounds Oxazepam Benzodiazepines 300 related compounds Oxazepam Alprazolam Bromazepam Chlordiazepoxide Clobazam	300 1.250 625 625 628 188 94 2,500 200 400 1,000 300 500 300 125 625 2500 63	Oxazepam Alprazolam Bromazepam Chlordiazepoxide Clobazam Clorazepate Desalkflurazepam Diazepam Estazolam Fentanyl Flunitrazepam Flurazepam Lorazepam Lorazepam Lorazepam Midazolam Midazolam Nitrazepam Norchlordiazepoxide Nordiazepam	42 208 833 21 83 1,110 83 83 1,667 >100,000 417 417 >100,000 >100,000 >100,000 83 83 1,667
Barbiturates 300 related compounds Secobarbital Allobarbital Alphenal Amobarbital Aprobarbital Butabarbital Butabrital Butabrital Butabrital Butethal Cyclopentobarbital Pentobarbital Pentobarbital Benzodiazepines 500 related compounds Oxazepam Benzodiazepines 300 related compounds Oxazepam Alprazolam Bromazepam Chlordiazepoxide Clobazam Clonazepam	300 1,250 625 625 625 188 94 2,500 200 400 1,000 300 500 300 125 625 2500 63	Oxazepam Alprazolam Bromazepam Chlordiazepoxide Clobazam Clorazepate Desalkflurazepam Diazepam Estazolam Fentanyl Flunitrazepam Flurazepam Lorazepam Lorazepam Midazepam Norchlordiazepoxide	42 208 833 21 833 1,110 83 83 1,667 >100,000 125 >100,000 417 417 >100,000 8,333 83 167 >100,000
Barbiturates 300 related compounds Secobarbital Allobarbital Alphenal Amobarbital Aprobarbital Butabarbital Butabarbital Butabarbital Butethal Cyclopentobarbital Pentobarbital Phenobarbital Phenobarbital Phenobarbital Phenobarbital Phenobarbital Phenobarbital Phenobarbital Cyclopentobarbital Phenobarbital Phenobarbital Phenobarbital Butabarbital Phenobarbital Phenobarbital Phenobarbital Phenobarbital Cyclopentobarbital Phenobarbital Phenobarbital Phenobarbital Benzodiazepines 500 related compounds Oxazepam Benzodiazepines 300 related compounds Oxazepam Chlordiazepoxide Clobazam Clonazepam Clorazepate	300 1.250 625 625 628 188 94 2,500 200 400 1,000 300 500 300 125 625 2500 63	Oxazepam Alprazolam Bromazepam Chlordiazepoxide Clobazam Clorazepam Clorazepate Desalk flurazepam Diazepam Estazolam Fentanyl Flunitrazepam Hurazepam Lorazepam Lorazepam Medazepam Midazolam Nitrazepam Nitrazepam Nitrazepam Norchlordiazepoxide Nordiazepoxide Nordiazepam Prazepam Prazepam	42 208 833 21 833 1,110 83 83 1,667 >100,000 125 >100,000 417 417 >100,000 8,333 83 167 >100,000 21
Barbiturates 300 related compounds Secobarbital Allobarbital Alphenal Amobarbital Aprobarbital Butabarbital Butabarbital Butabhital Butethal Cyclopentoarbital Pentobarbital Phenobarbital Phenobarbital Phenobarbital Benzodiazepines 500 related compounds Oxazepam Benzodiazepines 300 related compounds Oxazepam Alprazolam Bromazepam Chlordiazepoxide Clobazam Clorazepam Clorazepam Clorazepam Clorazepam Clorazepam Clorazepam Clorazepam Clorazepam	300 1,250 625 625 625 188 94 2,500 200 400 1,000 300 500 300 125 625 2500 63 2500 3330	Oxazepam Alprazolam Bromazepam Chlordiazepoxide Clobazam Clonazepam Clorazepate Desalkflurazepam Diazepam Estazolam Fentanyl Flunitrazepam Flurazepam Lorazepam Lorazepam Lorazepam Midazolam Nitrazepam Norchlordiazepoxide Nordiazepam Prazepam Trazepam Temazepam	42 208 833 21 833 1,110 83 83 1,667 >100,000 125 >100,000 417 417 >100,000 8,333 83 167 >100,000
Barbiturates 300 related compounds Secobarbital Allobarbital Alphenal Amobarbital Aprobarbital Butabarbital Butabrital Butabrital Butabrital Butethal Cyclopentobarbital Pentobarbital Pentobarbital Phenobarbital Benzodiazepines 500 related compounds Oxazepam Benzodiazepines 300 related compounds Oxazepam Alprazolam Bromazepam Chlordiazepoxide Clobazam Clonazepam Clonazepam Clorazepate Desalkflurazepam Diazepam	300 1,250 625 625 188 94 2,500 200 400 1,000 300 500 300 125 625 2500 63 3330 250	Oxazepam Alprazolam Bromazepam Chlordiazepoxide Clobazam Clonazepam Clorazepate Desalkflurazepam Diazepam Estazolam Fentanyl Flunitrazepam Flurazepam Lorazepam Lorazepam Lorazepam Norehordiazepoxide Nordiazepam Midazolam Nitrazepam Norehordiazepoxide Nordiazepam Prazepam Triazolam Buprenorphine 10 related compounds	42 208 833 21 833 1,110 83 83 1,667 >100,000 125 >100,000 417 417 >100,000 8,333 83 167 >100,000 21
Barbiturates 300 related compounds Secobarbital Allobarbital Alphenal Amobarbital Aprobarbital Butabarbital Butabarbital Butabrital Butabrital Butethal Cyclopentobarbital Pentobarbital Phenobarbital Phenobarbital Benzodiazepines 500 related compounds Oxazepam Benzodiazepines 300 related compounds Oxazepam Chordiazepoxide Clobazam Chorazepam Clorazepate Desalkflurazepam Diazepam Diazepam Estazolam Branazepam	300 1,250 625 625 625 188 94 2,500 200 400 1,000 300 500 300 125 625 2500 63 2500 3330 250 250 250 5000	Oxazepam Alprazolam Bromazepam Chlordiazepoxide Clobazam Clorazepate Desalkflurazepam Diazepam Estazolam Fentanyl Flunitrazepam Lorazepam Lorazepam Lorazepam Lorazepam Lorazepam Torazepam Lorazepam Lorazepam Torazepam Lorazepam Torazepam Lorazepam Torazepam Medazepam Midazolam Nitrazepam Norchlordiazepoxide Nordiazepam Prazepam Temazepam Buprenorphine 10 related compounds Buprenorphine	42 208 833 21 83 1,110 83 83 1,667 >100,000 125 >100,000 417 417 >100,000 8,333 83 167 >100,000 21 1,667
Barbiturates 300 related compounds Secobarbital Allobarbital Alphenal Amobarbital Aprobarbital Butabarbital Butabrital Butabrital Butabrital Butethal Cyclopentobarbital Pentobarbital Pentobarbital Phenobarbital Benzodiazepines 500 related compounds Oxazepam Benzodiazepines 300 related compounds Oxazepam Alprazolam Bromazepam Chlordiazepoxide Clobazam Clonazepam Clonazepam Clorazepate Desalkflurazepam Diazepam	300 1,250 625 625 188 94 2,500 200 400 1,000 300 500 300 125 625 2500 63 2500 3330 250 250	Oxazepam Alprazolam Bromazepam Chlordiazepoxide Clobazam Clorazepate Desalkflurazepam Diazepam Estazolam Fentanyl Flunitrazepam Lorazepam Lorazepam Lorazepam Norchordiazepoxide Norchlordiazepoxide Nordiazepam Prazepam Norchordiazepoxide Nordiazepam Prazepam Triazolam Buprenorphine 10 related compounds Buprenorphine Buprenorphine	42 208 833 21 83 1,110 83 83 1,667 >100,000 417 417 >100,000 >1,000,000 83,333 83 167 >100,000 21 1,667
Barbiturates 300 related compounds Secobarbital Allobarbital Alphenal Amobarbital Aprobarbital Butabarbital Butabrital Butabrital Butabrital Butabrital Butabrital Butethal Cyclopentobarbital Pentobarbital Phenobarbital Benzodiazepines 500 related compounds Oxazepam Benzodiazepines 300 related compounds Oxazepam Alprazolam Bromazepam Chlordiazepoxide Clobazam Clonazepam Clorazepate Desalkflurazepam Estazolam Estazolam Fentanyl	300 1,250 625 625 625 188 94 2,500 200 400 1,000 300 500 300 125 625 2500 63 2500 3330 250 5000 >100,000	Oxazepam Alprazolam Bromazepam Chlordiazepoxide Clobazam Clorazepate Desalkflurazepam Diazepam Estazolam Fentanyl Flunitrazepam Flurazepam Lorazepam Lorazepam Noralezepam Lorazepam Lorazepam Lorazepam Lorazepam Lorazepam Lorazepam Lorazepam Lorazepam Lorazepam Midazolam Nitrazepam Norchlordiazepoxide Nordiazepam Prazepam Prazepam Prazepam Prazepam Buprenorphine 10 related compounds Buprenorphine Buprenorphine Buprenorphine	42 208 833 21 83,3 1,110 83 83 1,667 >100,000 125 1100,000 417 417 >100,000 8,333 83 167 >100,000 21 1,667
Barbiturates 300 related compounds Secobarbital Allobarbital Alphenal Amobarbital Butabarbital Butabarbital Butabrital Butabrital Butethal Cyclopentobarbital Pentobarbital Pentobarbital Benzodiazepines 500 related compounds Oxazepam Benzodiazepines 300 related compounds Oxazepam Alprazolam Bromazepam Chlordiazepoxide Clobazam Clorazepate Desalkflurazepam Diazepam Estazolam Fentanyl Flunitrazepam	300 1,250 625 625 625 188 94 2,500 200 400 1,000 300 500 300 125 625 2500 63 2500 3330 250 250 5000 >100,000 375	Oxazepam Alprazolam Bromazepam Chlordiazepoxide Clobazam Clorazepate Desalkflurazepam Diazepam Estazolam Fentanyl Flunitrazepam Lorazepam Lorazepam Lorazepam Norchordiazepoxide Norchlordiazepoxide Nordiazepam Prazepam Norchordiazepoxide Nordiazepam Prazepam Triazolam Buprenorphine 10 related compounds Buprenorphine Buprenorphine	42 208 833 21 833 1,110 83 83 1,667 >100,000 125 >100,000 417 417 >100,000 8,333 83 167 >100,000 21 1,667

1250

>100,000

>100,000

Buprenorphine

Norbuprenorphine

Buprenorphine-3-β-D-Glucuronide

25

Norbuprenorphine-3-β-D-Glucuronide	50	Norfentanyl	>10,000	Δ8-Tetrahydrocannabinol	10,000
Cocaine 300 related compounds	30	GAB related compounds	>10,000	Δ9-Tetrahydrocannabinol	31,250
Benzoylecgonine	300	Gabapentin	2000	Cannabinol	50,000
Cocaine	1,000	Pregbalin	>100,000	Marijuana 50 related compounds	313
Ecgonine	100,000	HMO 250 related compounds	> 100,000	11-nor-Δ9-THC-9-COOH	625
Ecgonine Methyl Ester	>100,000	hydromorphone	250	11-nor-Δ8-THC-9-COOH	4,000
Cocaine 200 related compounds		Acetylcodeine	4000	11-hydroxy-Δ9-Tetrahydrocannabinol	
Benzoylecgonine	200	Buprenorphine	>10,000	Δ8-Tetrahydrocannabinol	500
Cocaine	125	Codeine	3000	Δ9-Tetrahydrocannabinol	12,500
Ecgonine	5,000	Diacetyl Morphin	3000	Cannabinol	12,500
Ecgonine Methyl Ester	>100,000	Dihydrocodeine	4000	Cannabidiol	3,125
Cocaine 150 related compounds		Ethylmorphine	4000	Marijuana 25 related compounds	25,000
Benzoylecgonine	150	Hydrocodone	300	11-nor-Δ9-THC-9-COOH	12,500
Cocaine	125	Morphine	2500	11-nor-Δ8-THC-9-COOH	1,875
Ecgonine	10000	6-Monoacetylmorphine	3000	Δ8-Tetrahydrocannabinol	625
Ecgonine Methyl Ester	>10000	Morphine-3-glucuronid	2500	Δ9-Tetrahydrocannabinol	2,000
Cocaine 100 related compounds		Nalorphine	12500	MDMA 500 related compounds	
Benzoylecgonine	100	Thebaine	>20000	3,4-Methylenedioxy-methamphetamine	500
Cotinine 600 related compounds		Methadone	>100000	d-Amphetamine	>100,000
(-)-Cotinine	600	Oxazepam	>100000	1-Amphetamine	>100,000
Cotinine 500 related compounds		Oxycodone	100000	d-methamphetamine	>100,000
(-)-Cotinine	500	EDDP	>1000000	1-methamphetamine	>100,000
Buprenorphine	>100,000	K2 50 related compounds		3,4-Methylenedioxyamphetamine	2,500
Cotinine 300 related compounds		JWH-018-5-Pentanoic acid	50	3,4-Methylenedioxyethylamphetamine	156
(-)-Cotinine	300	K3 related compounds		Paramethoxyamphetamine	50,000
(-)-Nicotine	9,375	AB- PINACA	25	Paramethoxymethamphetamine	>100,000
Cotinine 200 related compounds	200	AB-PINACA 5-Pentanoic	25	MDMA 1000 related compounds	4.000
(-)-Cotinine	200	AB-PINACA 5-hydroxypentyl	25	3,4-Methylenedioxy-methamphetamine	1,000
(-)-Nicotine	6,250	AB-FUBINACA	40	Methadone 300 related compounds Methadone	200
EDDP 100 related compounds EDDP	100	AB-PINACA 4-hydroxypentyl UR-144 5-Pentanoic	>10,000 5000	Methadone (-)-alpha-methadol	300 2,000
	>100	UR-144 UR-144	>10,000	(-)-aipna-metnadoi Methamphetamine 300 related compounds	2,000
Meperidine Methadone	>100,000	UR-144 UR-144 5-hydroxypentyl	>10,000	d-Methamphetamine	300
Norfentanyl	>100,000	UR-144 4-hydroxypentyl	>10,000	Chloroquine	7,500
Phencyclidine	>100,000	APINACA	>10,000	Fenfluramine	12,500
Promazine	50,000	APINACA 5-hydroxypentyl	>10,000	1-Methamphetamine	10,000
Promethazine	25,000	ADB-PINACA N-(5-hydroxypentyl)	50	Mephentermine hemisulfate salt	31,250
Prothipendyl	50,000	ADB-PINACA Pentanoic Acid	25	MDEA	50,000
Prozine	12,500	5-fluoro AB-PINACA N-(4-hydroxypentyl)	50	MDMA	313
EDDP 300 related compounds		5-fluoro AB-PINACA	50	PMMA	625
EDDP	300	Ketamine 1000 related compounds		(-)-Ephedrine	2,000
Meperidine	>100,000	Ketamine	1,000	Methaqualone 300 related compounds	
Methadone	>100,000	Norketamine	1,000	Methaqualone	300
Norfentanyl	>100,000	Dextromethorphan	500	Amitriptyline	50,000
Phencyclidine	>100,000	Dextrorphan tartrate	500	Carbamazepine	20,000
Promazine	80,000	D-Norpropoxyphene	31,250	Nortriptyline	50,000
Promethazine	75,000	EDDP	800	Phenytoin	40,000
Prothipendyl	80,000	Meperidine	12,500	Theophylline	40,000
Prozine	37,500	Mephentermine hemisulfate salt	50,000	Morphine 300 related compounds	
ETG 500 related compounds		Methadone	12,500	Morphine	300
Ethyl Glucuronide	500	D-Methamphetamine	12,500	Acetylcodeine	150
Ethanol	>100,000	3,4-Methylenedioxyethylamphetamine	25,000	Buprenorphine	>10000
D-Glucuronic Acid	>100,000	Nordoxepin hydrochloride	25,000	Codeine	250
Morphine-3-b-D-glucuronide	>100,000	Phencyclidine	5,000	Diacetyl Morphin	250
ETG 1000 related compounds	1000	Promazine Promethazine	8,000	Dihydrocodeine	586
Ethyl Glucuronide	1000		25,000	Ethylmorphine	200
Fentanyl 10 related compounds	10	LSD 50 related compounds	50	Hydrocodone	12,500
Fentanyl and Fentanyl metabolites	100	Lysergic acid diethylamide	50	Hydromorphone 6 Monoscotylmorphine	12,500 250
Fentanyl Norfentanyl	>100	Marijuana 200 related compounds 11-nor-Δ9-THC-9-COOH		6-Monoacetylmorphine Morphine-3-glucuronid	2,500
Fentanyl 20 related compounds	>10,000	Marijuana 150 related compounds	1,000	Nalorphine Nalorphine	25,000
Fentanyl and Fentanyl metabolites	20	11-nor-Δ9-THC-9-COOH	25,000	Thebaine	25,000
Fentanyl Fentanyl	200	11-nor-Δ8-THC-9-COOH	12,500	Morphine 200 related compounds	25,000
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Morphine	200	Oxymorphone	>100,000
Acetylcodeine	100	Rifampicine	>100,000
Buprenorphine	2,000	Thebaine	50,000
Codeine	170	Oxycodone 300 related compounds	200
Diacetyl Morphin	168	Oxycodone	300
Dihydrocodeine	395	Hydrocodone	75,000
Ethylmorphine	135	Hydromorphone	>100,000
Hydrocodone	8,350	Naloxone	>100,000
Hydromorphone	8,350	Oxymorphone	750
6-Monoacetylmorphine	170 1,670	Oxycodone 100 related compounds	100
Morphine-3-glucuronid		Oxycodone	6,250
Nalorphine	16,666	Hydrocodone	
Thebaine Morphine 100 related compounds	16,666	Hydromorphone Naloxone	50,000 50,000
	100		100
Morphine	100 100	Oxymorphone	50,000
Codeine Diacetylmorphine (Heroin)	100	Naltrexone PGB 1000 related compounds	50,000
Ethylmorphine (Heroin)	100	Pregabalin	1000
	500		>20,000
Hydromorphone Hydrocodone	500	Gabapentin PGB 500 related compounds	>20,000
6-Monoacetylmorphine	100	Pregabalin	500
Morphine-3-β-d-glucuronide	2,000	Gabapentin	>20,000
Oxycodone	20,000	Phencyclidine 25 related compounds	> 20,000
Oxymorphone	20,000	Phencyclidine Phencyclidine	25
Promethazine	>100,000	Hydrocodone	>100,000
Rifampicine	8,400	Hydromorphone	>100,000
Thebaine	8,400	4-hydroxyphencyclidine	75
Trimipramine	20,000	Propoxyphene 300 related compounds	75
MPD 300 related compounds	20,000	D-Propoxyphene	300
Methylphenidate	300	D-Norpropoxyphene	5,000
Opiates 2000 related compounds	300	Tramadol 300 related compounds	5,000
Morphine	2,000	Tramadol	300
Acetylcodeine	1,563	Tramadol 200 related compounds	300
Buprenorphine	25,000	Tramadol	200
Codeine	2000	(±)Chlorpheniramine	>1,000,000
Diacetylmorphine (Heroin)	5,000	Dimenhydrinate	>100,000
Dihydrocodeine	1,563	Diphenhydramine	>100,000
Ethylmorphine	250	Phencyclidine	>10,000
Hydromorphone	25,000	(+)Chlorpheniramine	>100,000
Hydrocodone	50,000	Tramadol 100 related compounds	
Merperidine	>100,000	Tramadol	100
6-Monoacetylmorphine (6-MAM)	4,000	(+/-)Chlorpheniramine	50,000
Morphine-3-β-d-glucuronide	12,500	Dimenhydrinate	50,000
Nalorphine Hydrochloride	>100,000	Diphenhydramine	50,000
Oxycodone	>100,000	Phencyclidine	50,000
Oxymorphone	>100,000	(+)-Chlorpheniramine	>100,000
Rifampicine	>100,000	Tricyclic Antidepressants related compounds	
Thebaine	50,000	Nortriptyline HCl	1,000
Opiates 1000 related compounds		Amitriptyline	1,500
Morphine	1,000	Clomipramine	>100,000
Acetylcodeine	1,000	Cyclobenzaprine	12,500
Buprenorphine	>10000	Desipramine	188
Codeine	1000	Doxepin	2,000
Diacetylmorphine (Heroin)	3,000	Imipramine	2,500
Dihydrocodeine	1,000	Maprotiline	750
Ethylmorphine	200	Nortriptyline	3,125
Hydromorphone	25,000	Nordoxepin	500
Hydrocodone	50,000	Opipramol	1,563
Merperidine	>100,000	Promazine	1,000
6-Monoacetylmorphine (6-MAM)	3,000	Promethazine	6,250
Morphine-3-β-d-glucuronide	10000	Prothipendyl	25,000
Nalorphine Hydrochloride	>100,000	Protryptyline	6,250
Oxycodone	>100,000	Prozine	1,250

Trimipramine	>100,000
TZD related compounds	
Trazodone	25
Zolpidem 50 related compounds	
Zolpidem Phenyl-4-carboxylic	50
Zolpidem	>10,000
Zolpidem 25 related compounds	
Zolpidem Phenyl-4-carboxylic	25

A study was conducted to determine the cross-reactivity of the test with compounds spiked into drug-free PBS stock. The following compounds demonstrated no false positive results on the Drug Tests (Strip/Card/Device/Cup) when tested at concentrations up to 100 µg/mL.

(-)-Ephedrine (Excent MET). Chlorobenizamine Oxalic Acid

>10,000

(Strip/Card/Device/Cap) win	on tested at concentrations up to 100 p	g/IIID.
(-)-Ephedrine (Except MET)	Chlorpheniramine	Oxalic Acid
(+)-Naproxen	Creatine	Penicillin-G
(+/-)-Ephedrine (Except ME	Γ) Dextromethorphan	Pheniramine
4-Dimethyllaminoantiyrine	Dextrorphan tartrate	Phenothiazine
Acetaminophen	Dopamine	Procaine
Acetone	Erythromycin	Protonix
Albumin	Ethanol	Pseudoephedrine
Amitriptyline (Except TCA)	Furosemide	Quinidine
Ampicillin	Glucose	Ranitidine
Aspartame	Guaiacol Glyceryl Ether	Sertraline
Aspirin	Hemoglobin	Tyramine
Benzocaine	Ibuprofen	Vitamin C (Ascorbic Acid)
Bilirubin	Imipramine (Except TCA)	Trimeprazine
b-Phenylethyl-amine	Isoproterenol	Venlafaxine
Caffeine	Lidocaine	Ibuprofen

LITERATURE REFERENCES

 Baselt RC. Disposition of Toxic Drugs and Chemicals in Man. 2nd ed. Davis: Biomedical Publications; 1982.

Methadone (Except MTD)

- Hawks RL, Chiang CN, eds. Urine Testing for Drugs of Abuse. Rockville: Department of Health and Human Services, National Institute on Drug Abuse; 1986.
- Substance Abuse and Mental Health Services Administration. Mandatory Guidelines for Federal Workplace Drug Testing Programs. 53 Federal Register; 1988.
- McBay AJ. Drug-analysis technology--pitfalls and problems of drug testing. Clin Chem. 1987 Oct; 33 (11 Suppl): 33B-40B.
- Gilman AG, Goodman LS, Gilman A, eds. Goodman and Gilman's The Pharmacological Basis of Therapeutics. 6th ed. New York: Macmillan; 1980.

GLOSSARY OF SYMBOLS

REF	Catalog number	Å	Temperature limitation
	Consult instructions for use	LOT	Batch code
IVD	In vitro diagnostic medical device	8	Use by
	Manufacturer	2	Do not reuse

Manufacture for:

Chloroquine

Zolpidem

American Screening, LLC

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