CLEARTEST® DIAGNOSTIK



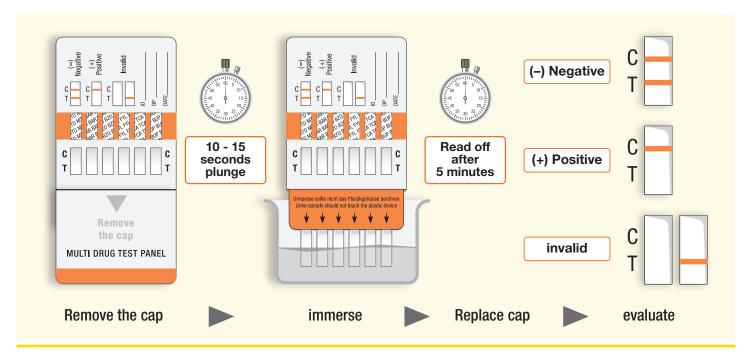
MULTI-DIP-6/12

A rapid test for the simultaneous, qualitative detection of multiple drugs and drug metabolites in human urine.

Only for professional In-vitro-Diagnostic



Instruction Sheet for testing of any combination of the following drugs: AMP/BAR/BZO/BUP/COC/THC/MTD/MET/MDMA/MOP/MQL/OPI/PCP/PPX/TCA/TML/KET/OXY/COT/EDDP/FYL/K2/6-MAM/MDA/ETG/CLO



A rapid test for the simultaneous, qualitative detection of multiple drugs and drug metabolites in human urine. For healthcare professionals including professionals at point of care sites. Immunoassay for In-vitro-diagnostic use only.

INTENDED USE

The Multi-Dip-6/12 Rapid Test Panel is a rapid chromatographic immunoassay for the qualitative detection of multiple drugs and drug metabolites in urine at the following cut-off concentrations:

Test	Calibrator	Cut-Off (ng/ mL)
Amphetamine (AMP1,000)	d-Amphetamine	1,000
Amphetamine (AMP 500)	d-Amphetamine	500
Amphetamine (AMP 300)	d-Amphetamine	300
Barbiturates (BAR 300)	Secobarbital	300
Barbiturates (BAR 200)	Secobarbital	200
Benzodiazepines (BZO 500)	Oxazepam	500
Benzodiazepines (BZO 300)	Oxazepam	300
Benzodiazepines (BZO 200)	Oxazepam	200
Benzodiazepines (BZO 100)	Oxazepam	100
Buprenorphine (BUP)	Buprenorphine	10
Cocaine (COC 300)	Benzoylecgonine	300
Cocaine (COC 100)	Benzoylecgonine	100
Marijuana (THC150)	11-nor-∆9-THC-9 COOH	150
Marijuana (THC 50)	11-nor-∆9-THC-9 COOH	50
Marijuana (THC 25)	11-nor-∆9-THC-9 COOH	25
Methadone (MTD 300)	Methadone	300
Methadone (MTD 200)	Methadone	200
Methamphetamine (MET 1,000)	d-Methamphetamine	1,000
Methamphetamine (MET 500)	d-Methamphetamine	500
Methamphetamine (MET 300)	d-Methamphetamine	300

		Cut-Off (ng/
Test	Calibrator	mL)
Methylenedioxymethampheta- mine (MDMA 500)	d,I-Methylenedioxymethamphe- tamine	500
Methylenedioxymethampheta- mine (MDMA 1,000)	d,I-Methylenedioxymethamphe- tamine	1,000
Morphine (MOP 300)	Morphine	300
Morphine (MOP 100)	Morphine	100
Methaqualone(MQL)	Methaqualone	300
Opiate (OPI 2,000)	Morphine	2,000
Phencyclidine (PCP)	Phencyclidine	25
Propoxyphene (PPX)	Propoxyphene	300
Tricyclic Antidepressants (TCA)	Nortriptyline	1,000
Tramadol (TML)	Cis-Tramadol	100
Ketamine (KET 1,000)	Ketamine	1,000
Ketamine (KET 500)	Ketamine	500
Ketamine (KET 300)	Ketamine	300
Ketamine (KET 100)	Ketamine	100
Oxycodone (OXY)	Oxycodone	100
Cotinine(COT200)	Cotinine	200
Cotinine(COT100)	Cotinine	100
2-ethylidene-1,5-dimethyl- 3,3-diphenylpyrrolidine (EDDP300)	2-ethylidene-1,5-dimethyl- 3,3-diphenylpyrrolidine	300
2-ethylidene-1,5-dimethyl- 3,3-diphenylpyrrolidine (EDDP100)	2-ethylidene-1,5-dimethyl- 3,3-diphenylpyrrolidine	100
Fentanyl(FYL20)	Norfentanyl	20
Fentanyl(FYL10)	Norfentanyl	10
Synthetic Marijuana (K2-50)	JWH-018, JWH-073	50

Test	Calibrator	Cut-Off (ng/ mL)
Synthetic Marijuana (K2-30)	JWH-018, JWH-073	30
6-mono-aceto-morphine (6- MAM10)	6-MAM	10
(±) 3,4-Methylenedioxy-	(±) 3,4-Methylenedioxy-	F00
Amphetamine (MDA500)	Amphetamine	500

Configurations of the Multi-Dip-6/12 Rapid Test Panel come with any combination of the above listed drug analytes. This assay provides only a preliminary analytical test result. A more specific alternate chemical method must be used in order to obtain a confirmed analytical result. Gas chromatography/mass spectrometry (GC/MS) is the preferred confirmatory method. Clinical consideration and professional judgment should be applied to any drug of abuse test result, particularly when preliminary positive results are indicated.

SUMMARY

The Multi-Dip-6/12 Rapid Test Panel is a rapid urine screening test that can be performed without the use of an instrument. The test utilizes monoclonal antibodies to selectively detect elevated levels of specific drugs in urine.

AMPHETAMINE (AMP 1,000)

Amphetamine is a Schedule II controlled substance available by prescription (Dexedrine®) and is also available on the illicit market. Amphetamines are a class of potent sympathomimetic agents with therapeutic applications. They are chemically related to the human body's natural catecholamines: epinephrine and norepinephrine. Acute higher doses lead to enhanced stimulation of the central nervous system (CNS) and induce euphoria, alertness, reduced appetite, and a sense of increased energy and power. Cardiovascular responses to amphetamines include increased blood pressure and cardiac arrhythmias. More acute responses produce anxiety, paranoia, hallucinations, and psychotic behavior. The effects of Amphetamines generally last 2-4 hours following use and the drug has a half-life of 4-24 hours in the body. About 30% of amphetamines are excreted in the urine in unchanged form, with the remainder as hydroxylated and deaminated derivatives. The Multi-Dip-6/12 Rapid Test Panel yields a positive result when the concentration of amphetamines in urine exceeds 1,000 ng/ml. This is the suggested screening cut-off for positive specimens set by the Substance Abuse and Mental Health Services Administration (SAMHSA, USA).1

BARBITURATES (BAR 300)

Barbiturates are CNS depressants. They are used therapeutically as sedatives, hypnotics, and anticonvulsants barbiturates are almost always taken orally as capsules or tablets. The effects resemble those of intoxication with alcohol. Chronic use of barbiturates leads to tolerance and physical dependence. Short-acting barbiturates taken at 400 mg/day for 2–3 months can produce a clinically significant degree of physical dependence. Withdrawal symptoms experienced during periods of drug abstinence can be severe enough to cause death. Only a small amount (less than 5 %) of most barbiturates are excreted unaltered in the urine. The approximate detection time limits for barbiturates are:

Short acting (e.g. Secobarbital) 100 mg PO (oral) 4.5 days Long acting (e.g. Phenobarbital) 400 mg PO (oral) 7 days²

The Multi-Dip-6/12 Rapid Test Panel yields a positive result when the concentration of barbiturates in urine exceeds 300 ng/ml. At present, the Substance Abuse and Mental Health Services Administration (SAMHSA) does not have a recommended screening cut-off for Barbiturate positive specimens.

BENZODIAZEPINES (BZO 300)

Benzodiazepines are medications that are frequently prescribed for the symptomatic treatment of anxiety and sleep disorders. They produce their effects via specific receptors involving a neurochemical called gamma aminobutyric acid (GABA). Because they are safer and more effective, benzodiazepines have replaced barbiturates in the treatment of both anxiety and insomnia. Ben-

zodiazepines are also used as sedatives before some surgical and medical procedures, and for the treatment of seizure disorders and alcohol withdrawal. Risk of physical dependence increases if benzodiazepines are taken regularly (e.g., daily) for more than a few months, especially at higher than normal doses. Stopping abruptly can bring on such symptoms as trouble sleeping, gastrointestinal upset, feeling unwell, loss of appetite, sweating, trembling, weakness, anxiety and changes in perception. Only trace amounts (less than 1 %) of most benzodiazepines are excreted unaltered in the urine; most of the concentration in urine is conjugated drug. The detection period for benzodiazepines in urine is 3–7 days.

The Multi-Dip-6/12 Rapid Test Panel yields a positive result when the concentration of benzodiazepines in urine exceeds 300 ng/ml. At present, the Substance Abuse and Mental Health Services Administration (SAMHSA) does not have a recommended screening cut-off for benzodiazepine positive specimens.

BUPRENORPHINE (BUP)

Buprenorphine is a potent analogsic often used in the treatment of opioid addiction. The drug is sold under the trade names Subutex™, Buprenex[™], Temgesic[™] and Suboxone[™], which contain Buprenorphine HCl alone or in combination with Naloxone HCl. Therapeutically, Buprenorphine is used as a substitution treatment for opioid addicts. Substitution treatment is a form of medical care offered to opiate addicts (primarily heroin addicts) based on a similar or identical substance to the drug normally used. In substitution therapy, Buprenorphine is as effective as Methadone but demonstrates a lower level of physical dependence. Concentrations of free Buprenorphine and Norbuprenorphine in urine may be less than 1 ng/ ml after therapeutic administration, but can range up to 20 ng/ml in abuse situations. The plasma half life of Buprenorphine is 2-4 hours.7While complete elimination of a single dose of the drug can take as long as 6 days, the window of detection for the parent drug in urine is thought to be approximately 3 days. Substantial abuse of Buprenorphine has also been reported in many countries where various forms of the drug are available. The drug has been diverted from legitimate channels through theft, doctor shopping, and fraudulent prescriptions, and been abused via intravenous, sublingual, intranasal and inhalation routes. The Multi-Dip-6/12 Rapid Test Panel yields a positive result when the Buprenorphine in urine exceeds 10 ng/ml.

COCAINE (COC 300)

Cocaine is a potent central nervous system stimulant and a local anesthetic. Initially, it brings about extreme energy and restlessness while gradually resulting in tremors, over-sensitivity and spasms. In large amounts, cocaine causes fever, unresponsiveness, difficulty in breathing and unconsciousness. Cocaine is often self-administered by nasal inhalation, intravenous injection and free-base smoking. It is excreted in the urine in a short time primarily as benzoylecgonine.^{3,4} Benzoylecgonine, a major metabolite of cocaine, has a longer biological half-life (5–8 hours) than cocaine (0.5–1.5 hours), and can generally be detected for 24–48 hours after cocaine exposure.⁴ TheMulti-Dip-6/12 Rapid Test Panel yields a positive result when the concentration of benzoylecgonine in urine exceeds 300 ng/ml. This is the suggested screening cut-off for positive specimens set by the Substance Abuse and Mental Health Services Administration (SAMHSA, USA).1

MARIJUANA (THC 50)

THC ($\Delta 9$ -tetrahydrocannabinol) is the primary active ingredient in cannabis (marijuana). When smoked or orally administered, THC produces euphoric effects. Users have impaired short-term memory and slowed learning. They may also experience transient episodes of confusion and anxiety. Long-term, relatively heavy use may be associated with behavioral disorders. The peak effect of marijuana administered by smoking occurs in 20–30 minutes and the duration is 90–120 minutes after one cigarette. Elevated levels of urinary metabolites are found within hours of exposure and remain detectable for 3–10 days after smoking. The main metabolite excreted in the urine is 11-nor- $\Delta 9$ -tetrahydrocannabinol-9-carboxylic acid (THC-COOH).

The Multi-Dip-6/12 Rapid Test Panel yields a positive result when the concentration of THC-COOH in urine exceeds 50 ng/ml. This is the suggested screening cut-off for positive specimens set by the Substance Abuse and Mental Health Services Administration (SAMHSA, USA).¹

METHADONE (MTD 300)

Methadone is a narcotic analgesic prescribed for the management of moderate to severe pain and for the treatment of opiate dependence (heroin, Vicodin Percocet, morphine). The pharmacology of oral methadone is very different from IV methadone. Oral methadone is partially stored in the liver for later use. IV methadone acts more like heroin. In most states you must go to a pain clinic or a methadone maintenance clinic to beprescribed methadone. Methadone is a long acting pain reliever producing effects that last from twelve to forty-eight hours. Ideally, methadone frees the client from the pressures of obtaining illegal heroin, from the dangers of injection, and from the emotional roller coaster that most opiates produce. Methadone, if taken for long periods and at large doses, can lead to a very long withdrawal period. The withdrawals from methadone are more prolonged and troublesome than those provoked by heroin cessation, yet the substitution and phased removal of methadone is an acceptable method of detoxification for patients and therapists.7 The Multi-Dip-6/12 Rapid Test Panel yields a positive result when the concentration of methadone in urine exceeds 300 ng/ml. At present, the Substance Abuse and Mental Health Services Administration (SAMHSA) does not have a recommended screening cut-off for methadone positive specimens.

METHAMPHETAMINE (MET 1,000)

Methamphetamine is an addictive stimulant drug that strongly activates certain systems in the brain. Methamphetamine is closely related chemically to Amphetamine, but the central nervous system effects of Methamphetamine are greater. Methamphetamine is made in illegal laboratories and has a high potential for abuse and dependence. The drug can be taken orally, injected, or inhaled. Acute higher doses lead to enhanced stimulation of the central nervous system and induce euphoria, alertness, reduced appetite, and a sense of increased energy and power. Cardiovascular responses to Methamphetamine include increased blood pressure and cardiac arrhythmias. More acute responses produce anxiety, paranoia, hallucinations, psychotic behavior, and eventually, depression and exhaustion. The effects of Methamphetamine generally last 2-4 hours and the drug have a half-life of 9-24 hours in the body. Methamphetamine is excreted in the urine primarily as Amphetamine, and oxidized and deaminated derivatives. However, 10-20% of Methamphetamine is excreted unchanged. Thus, the presence of the parent compound in the urine indicates Methamphetamine use. Methamphetamine is generally detectable in the urine for 3-5 days, depending on urine pH level. The Multi-Dip-6/12 Rapid Test Panel is a rapid urine screening test that can be performed without the use of an instrument. The test utilizes a monoclonal antibody to selectively detect elevated levels of Methamphetamine in urine. The Multi-Dip-6/12 Rapid Test Panel yields a positive result when the Methamphetamine in urine exceeds 1,000 ng/mL

METHYLENEDIOXYMETHAMPHETAMINE (MDMA 500)

Methylenedioxymethamphetamine (ecstasy) is a designer drug first synthesized in 1914 by a German drug company for the treatment of obesity.5 Those who take the drug frequently report adverse effects, such as increased muscle tension and sweating. MDMA is not clearly a stimulant, although it has, in common with amphetamine drugs, a capacity to increase blood pressure and heart rate. MDMA does produce some perceptual changes in the form of increased sensitivity to light, difficulty in focusing, and blurred vision in some users. Its mechanism of action is thought to be via release of the neurotransmitter serotonin. MDMA may also release dopamine, although the general opinion is that this is a secondary effect of the drug (Nichols and Oberlender, 1990). The most pervasive effect of MDMA, occurring in virtually all people who took a reasonable dose of the drug, was to produce a clenching of the jaws. The Multi-Dip-6/12 Rapid Test Panel yields a positive result when the concentration of Methylenedioxymethamphetamine in

urine exceeds 500 ng/ml. At present, the Substance Abuse and Mental Health Services Administration (SAMHSA) does not have a recommended screening cut-off for Methylenedioxymethamphetamine positive specimens.

MORPHINE (MOP 300)

Opiate refers to any drug that is derived from the opium poppy, including the natural products, morphine and codeine, and the semi-synthetic drugs such as heroin. Opioid is more general, referring to any drug that acts on the opioid receptor. Opioid analgesics comprise a large group of substances which control pain by depressing the CNS. Large doses of morphine can produce higher tolerance levels, physiological dependency in users, and may lead to substance abuse. Morphine is excreted unmetabolized, and is also the major metabolic product of codeine and heroin. Morphine is detectable in the urine for several days after an opiate dose.2 The Multi-Dip-6/12 Rapid Test Panel yields a positive result when the concentration of morphine in urine exceeds 300 ng/mL.

TRICYCLIC ANTIDEPRESSANTS (TCA 1,000)

TCA (Tricyclic Antidepressants) are commonly used for the treatment of depressive disorders. TCA overdoses can result in profound CNS depression, cardiotoxicity and anticholinergic effects. TCA overdose is the most common cause of death from prescription drugs. TCAs are taken orally or sometimes by injection. TCAs are metabolized in the liver. Both TCAs and their metabolites are excreted in urine mostly in the form of metabolites for up to ten days. The Multi-Dip-6/12 Rapid Test Panel yields a positive result when the concentration of tricyclic antidepressants in urine exceeds 1,000 ng/ml. At present, the Substance Abuse and Mental Health Services Administration (SAMHSA) does not have a recommended screening cut-off for tricyclic antidepressant positive specimens.

FENTANYL (FYL 20)

Fentanyl, belongs to powerful narcotics analgesics, and is a µ special opiates receptor stimulant. Fentanyl is one of the varieties that been listed in management of United Nations "Single Convention of narcotic drug in 1961". Among the opiates agents that under international control, fentanyl is one of the most commonly used to cure moderate to severe pain¹. After continuous injection of fentanyl, the sufferer will have the performance of protracted opioid abstinence syndrome, such as ataxia and irritability etc^{2,3}, which presents the addiction after taking fentanyl in a long time. Compared with drug addicts of amphetamine, drug addicts who take fentanyl mainly have got the possibility of higher infection rate of HIV, more dangerous injection behavior and more lifelong medication overdose4. The FYL Rapid Test Dipstick (Urine) is a rapid urine screening test that can be performed without the use of an instrument. The test utilizes a monoclonal antibody to selectively detect elevated levels of FYL in urine. The FYL Rapid Test Dipstick (Urine) yields a positive result when FYL in urine exceeds 20 ng/ml.

PRINCIPLE

During testing, a 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 show up in the test region of the specific drug dipstick. The presence of drug above the cut-off concentration will saturate all the binding sites of the antibody. Therefore, the colored line will not form in the test region. A drug-positive urine specimen will not generate a colored line in the specific test region of the dipstick because of drug competition, while a drug-negative urine specimen will generate a line in the test region because of the absence of drug competition. To serve as a procedural control, a colored line will always appear at the control region, indicating that proper volume of specimen has been added and membrane wicking has occurred.

REAGENTS

Each test line contains anti-drug mouse monoclonal antibody and corresponding drug-protein conjugates. The control line contains goat anti-rabbit IgG polyclonal antibodies and rabbit IgG.

PRECAUTIONS

- For healthcare professionals including professionals at point of care sites.
- Immunoassay for In-vitro-diagnostic use only. The test panel should remain in the sealed pouch until use.
- All specimens should be considered potentially hazardous and handled in the same manner as an infectious agent.
- The used test panel should be discarded according to federal, state and local regulations.

STORAGE AND STABILITY

Store as packaged in the sealed pouch at 2–30 °C. The test is stable through the expiration date printed on the sealed pouch. The test Panels must remain in the sealed pouch until use. DO NOT FREEZE. Do not use beyond the expiration date.

SPECIMEN COLLECTION AND PREPARATION

URINE ASSAY

The urine specimen should be collected in a clean and dry container. Urine collected at any time of the day may be used. Urine specimens exhibiting visible precipitates should be centrifuged, filtered, or allowed to settle to obtain a clear specimen for testing.

SPECIMEN STORAGE

Urine specimens may be stored at 2–8 °C for up to 48 hours prior to testing. For prolonged storage, specimens may be frozen and stored below –20 °C. Frozen specimens should be thawed and mixed well before testing.

MATERIALS

MATERIALS PROVIDED

- Test Panels
- Package insert

MATERIALS REQUIRED BUT NOT PROVIDED

- · Specimen collection container
- Timer

DIRECTIONS FOR USE

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

- 1. Bring the pouch to room temperature before opening it. Remove the test panel from the sealed pouch and use it within one hour.
- 2. Remove the cap.
- 3. With the arrow pointing toward the urine specimen, immerse the test panel vertically in the urine specimen for at least 10 to 15 seconds. Immerse the dipstick to at least the level of the wavy lines, but not above the arrow on the test panel.
- 4. Replace the cap and place the test panel on a non-absorbent flat surface.
- 5. Start the timer and wait for the colored line(s) to appear.
- 6. The result should be read at 5 minutes. Results may be stable up to 1 hour after test initiation.

INTERPRETATION OF RESULTS

NEGATIVE:* A colored line appears in the Control region (C) and colored lines appears in the Test region (T). This negative result means that the concentrations in the urine sample are below the designated cut-off levels for a particular drug tested.

*NOTE: The shade of the colored lines(s) in the Test region (T) may vary. The result should be considered negative whenever there is even a faint line.

POSITIVE: A colored line appears in the Control region (C) and NO line appears in the Test region (T). The positive result means that the drug concentration in the urine sample is greater than the designated cut-off for a specific drug.

INVALID: No line appears in the Control region (C). Insufficient specimen volume or incorrect procedural techniques are the most likely reasons for Control line failure. Read the directions again

and repeat the test with a new test card. If the result is still invalid, contact your manufacturer.

QUALITY CONTROL

A procedural control is included in the test. A line appearing in the control region (C) is considered an internal procedural control. It confirms sufficient specimen volume, adequate membrane wicking and correct procedural technique. Control standards are not supplied with this kit. However, it is recommended that positive and negative controls be tested as good laboratory practice to confirm the test procedure and to verify proper test performance.

LIMITATIONS

- The Multi-Dip-6/12 Rapid Test Panel provides only a qualitative, preliminary analytical result. A secondary analytical method must be used to obtain a confirmed result. Gas chromatography/mass spectrometry (GC/MS) is the preferred confirmatory method.^{1,10}
- There is a possibility that technical or procedural errors, as well as interfering substances in the urine specimen may cause erroneous results.
- Adulterants, such as bleach and/or alum, in urine specimens may produce erroneous results regardless of the analytical method used. If adulteration is suspected, the test should be repeated with another urine specimen.
- 4. A positive result does not indicate level or intoxication, administration route or concentration in urine.
- A negative result may not necessarily indicate drug-free urine.
 Negative results can be obtained when drug is present but below the cut-off level of the test.
- 6. This test does not distinguish between drugs of abuse and certain medications.
- A positive test result may be obtained from certain foods or food supplements.

EXPECTED VALUES

The negative result indicates that the drug concentration is below the detectable level. Positive result means the concentration of drug is above the detectable level.

Positive result means the concentration of drug is above the detectable level.

PERFORMANCE CHARACTERISTICS

Accuracy

A side-by-side comparison was conducted using the Multi-Drug Rapid Test Cup and commercially available drug rapid tests. Testing was performed on approximately 250 specimens per drug type previously collected from subjects presenting for Drug Screen Testing. Presumptive positive results were confirmed by GC/MS.

Met	thod	GC/	% agreement	
Multi-Drug R	Multi-Drug Rapid Test Cup		Negative	with GC/MS
AMP 1,000	Positive	103	3	98.1 %
AIVIF 1,000	Negative	2	142	97.9 %
AMP 500	Positive	110	2	99.1 %
AIVIF 300	Negative	1	137	98.6%
AMP 300	Positive	116	2	99.1 %
AIVIT 300	Negative	1	131	98.5%
BAR 300	Positive	98	2	96.1 %

Met	thod	GC/	% agreement	
Multi-Drug R	apid Test Cup	Positive	Negative	with GC/MS
AMP 1	Positive	103	3	98.1 %
AIVIF	Negative	2	142	97.9 %
AMP 500	Positive	110	2	99.1 %
AIVIF 300	Negative	1	137	98.6%
AMP 300	Positive	116	2	99.1 %
AIVIF 300	Negative	1	131	98.5%
BAR 300	Positive	98	2	96.1 %
DAN 300	Negative	4	146	98.6%

			1	
BAR 200	Positive	101	3	95.3%
D/111 200	Negative	5	141	97.9%
BZ0 500	Positive	112	3	98.2%
DZ0 300	Negative	2	133	97.8%
BZO 300	Positive	121	1	98.4%
DZ0 300	Negative	2	126	99.2%
BZ0 200	Positive	127	2	99.2%
DZ0 Z00	Negative	1	120	98.4%
BZO 100	Positive	128	3	99.2%
DZ0 100	Negative	1	118	97.5%
BUP	Positive	105	0	99.1 %
DUF	Negative	1	144	>99.9%
COC 300	Positive	111	3	98.2%
000 300	Negative	2	134	97.8%
COC 100	Positive	117	4	99.2%
000 100	Negative	1	128	97.0 %
THC 150	Positive	86	4	94.5%
100 100	Negative	5	155	97.5%
THC 50	Positive	92	3	97.9%
100 30	Negative	2	153	98.1 %
THC 25	Positive	95	4	96.9%
100 20	Negative	3	148	97.4 %
MTD 300	Positive	89	2	98.9%
WITD 300	Negative	1	158	98.8%
MTD 200	Positive	91	2	98.7 %
WITD 200	Negative	1	156	98.7 %
MET 1	Positive	76	5	96.2%
IVILII	Negative	3	166	97.1 %
MET 500	Positive	83	5	97.6 %
WILT 300	Negative	2	160	97.0 %
MET 300	Positive	88	4	97.8%
WILT 300	Negative	2	156	97.5%
MDMA 1	Positive	99	1	98.0%
IVIDIVIA	Negative	2	148	99.3%
MDMA 500	Positive	102	1	98.1 %
IVIDIVIA 300	Negative	2	145	99.3%
MOP 300	Positive	95	7	95.0%
WIOF 300	Negative	5	143	95.3%
MOP 100	Positive	98	5	97.0 %
- WOP TOU	Negative	3	144	96.6%
MQL	Positive	79	11	89.8%
IVIQL	Negative	9	151	93.2%

OPI	Positive	117	8	96.7 %
UPI	Negative	4	121	93.8%
PCP	Positive	85	5	92.4%
rur	Negative	7	153	96.8%
PPX	Positive	97	9	96.0%
FFA	Negative	4	140	94.0%
TCA	Positive	91	13	94.8%
TUA	Negative	5	141	91.6 %
TML	Positive	82	12	88.2%
IVIL	Negative	11	145	92.4%
KET 1	Positive	77	3	97.5 %
- KLII	Negative	2	168	98.2%
KET 500	Positive	81	3	97.6 %
KL1 300	Negative	2	164	98.2%
KET 300	Positive	89	4	96.7%
KL1 300	Negative	3	154	97.5 %
KET 100	Positive	97	4	96.0%
KLI 100	Negative	4	145	97.3 %
0XY 100	Positive	84	1	97.7 %
<u> </u>	Negative	2	163	99.4%
COT 200	Positive	88	4	96.7 %
001 200	Negative	3	155	97.5 %
COT 100	Positive	93	3	97.9 %
	Negative	2	152	98.1 %
EDDP 300	Positive	92	1	97.9 %
טטט טטט	Negative	2	155	99.4%
EDDP 100	Positive	95	5	96.9%
	Negative	3	147	96.7 %
FYL 20	Positive	79	1	98.8%
	Negative	1	169	99.4%
FYL 10	Positive	80	1	98.8%
11110	Negative	1	168	99.4%
K2-50	Positive	78	3	97.5 %
112 30	Negative	2	167	98.2%
K2-30	Positive	82	2	97.6 %
112-30	Negative	2	164	98.8%
6-MAM 10	Positive	93	2	98.9%
O WAW TO	Negative	1	154	98.7%
MDA 500	Positive	103	3	98.1 %
MIDA 500	Negative	2	142	97.9%

	% Agreement with Commercial Kit										
	AMP	AMP	AMP	BAR	BAR	BZ0	BZ0	BZ0	BZ0	BUP	COC
	1	500	300	300	200	500	300	200	100		300
Positive Agreement	>99.9%	>99.9%	>99.9%	>99.9%	>99.9%	>99.9%	>99.9%	>99.9%	>99.9%	>99.9%	>99.9%
Negative Agreement	>99.9%	>99.9%	>99.9%	>99.9%	>99.9%	>99.9%	>99.9%	>99.9%	>99.9%	>99.9%	>99.9%
Total Results	>99.9%	>99.9%	>99.9%	>99.9%	>99.9%	>99.9%	>99.9%	>99.9%	>99.9%	>99.9%	>99.9%

	% Agreement with Commercial Kit										
	COC	THC	THC	THC	MTD	MTD	MET	MET	MET	MDMA	MDMA
	100	150	50	25	300	200	1	500	300	1	500
Positive Agreement	>99.9%	>99.9%	>99.9%	>99.9%	>99.9%	>99.9%	>99.9%	>99.9%	>99.9%	>99.9%	>99.9%
Negative Agreement	>99.9%	>99.9%	>99.9%	>99.9%	>99.9%	>99.9%	>99.9%	>99.9%	>99.9%	>99.9%	>99.9%
Total Results	>99.9%	>99.9%	>99.9%	>99.9%	>99.9%	>99.9%	>99.9%	>99.9%	>99.9%	>99.9%	>99.9%

	% Agreement with Commercial Kit										
	MOP	MOP	MQL	OPI	PCP	PPX	TCA	TML	KET	KET	KET
	300	100	IVIQL	UFI	FUF	ΓΓΛ	TUA	IIVIL	1	500	300
Positive Agreement	>99.9%	>99.9%	>99.9%	*	>99.9%	>99.9%	*	*	>99.9%	>99.9%	>99.9%
Negative Agreement	>99.9%	>99.9%	>99.9%	*	>99.9%	>99.9%	*	*	>99.9%	>99.9%	>99.9%
Total Results	>99.9%	>99.9%	>99.9%	*	>99.9%	>99.9%	*	*	>99.9%	>99.9%	>99.9%

				% Agree	ement with Co	mmercial Kit					
	KET	OXY	COT	COT	EDDP	EDDP	FYL	FYL	K2	K2	6-MAM
	100	UAT	200	100	300	100	20	10	50	30	10
Positive Agreement	>99.9%	*	*	*	*	*	*	*	*	*	*
Negative Agreement	>99.9%	*	*	*	*	*	*	*	*	*	*
Total Results	>99.9%	*	*	*	*	*	*	*	*	*	*

^{*} Note: Based on GC/MS data instead of Commercial Kit.

PRECISION

A study was conducted at three hospitals by laypersons using three different lots of product to demonstrate the within run, between run and between operator precision. An identical card of coded specimens, containing drugs at concentrations of $\pm 50\,\%$ and $\pm 25\,\%$ cut-off level, was labeled, blinded and tested at each site. The results are given below:

The results are given to			15			
		AMINE (AI				
Amphetamine n per	Site		Site		Site	
conc. (ng/mL) site	-	+	-	+	-	+
0 10	6	0	10	0	10	0
500 10	10	0	10	0	10	0
750 10	9	1	8	2	9	1
1,25 10	1	9	2	8	2	8
1,5 10	0	10	0	10	0	10
	AMPHET	TAMINE (A				
Amphetamine n per	Site	e A	Site	е В	Site	e C
conc. (ng/mL) site	-	+	-	+	-	+
0 10	10	0	10	0	10	0
250 10	10	0	10	0	10	0
375 10	9	1	9	1	9	1
625 10	2	8	1	9	2	8
750 10	0	10	0	10	0	10
AMPHETAMINE (AMP 30	00)					
Amphetamine n per	Site	e A	Site	е В	Site	e C
conc. (ng/mL) site	-	+	-	+	-	+
0 10	10	0	10	0	10	0
150 10	10	0	10	0	10	0
225 10	8	2	8	2	8	2
375 10	2	8	2	8	2	8
450 10	0	10	0	10	0	10
BARBITURATES (BAR 30)())	-	-	-		-
Secobarbital n per	Site	e A	Site	e B	Site	e C
conc. (ng/mL) site	-	+	-	+	-	+
0 10	10	0	10	0	10	0
150 10	10	0	10	0	10	0
225 10	9	1	8	2	9	1
375 10	2	8	1	9	2	8
450 10	0	10	0	10	0	10
100	-	JRATES (E	- 1	10	0	10
Secobarbital n per	Site		Site	a R	Site	- C
Secobarbital n per conc. (ng/mL) site	OIL		JILL	<i>-</i> D	JILL	- U
0 10	_					
100 10	- 10	+	-	+	-	+
150 10	10	+	- 10	0	- 10	+ 0
100 10	10	+ 0 0	- 10 10	0	- 10 10	+ 0 0
250 10	10 9	+ 0 0 1	- 10 10 9	0 0 1	- 10 10 9	+ 0 0 1
250 10	10 9 1	+ 0 0 1 9	- 10 10 9	0 0 1 9	- 10 10 9	+ 0 0 1 9
300 10	10 9 1 0	+ 0 0 1 9	- 10 10 9 1	0 0 1 9	- 10 10 9	+ 0 0 1
300 10 B	10 9 1 0 ENZODIA	+ 0 0 1 9 10 AZEPINES	- 10 10 9 1 0 (BZO 500	0 0 1 9 10	- 10 10 9 1	+ 0 0 1 9
300 10 B Oxazepam n per	10 9 1 0 ENZODIA Site	+ 0 0 1 9 10 AZEPINES	- 10 10 9 1 0 (BZ0 500	0 0 1 9 10)	- 10 10 9	+ 0 0 1 9 10 e C
300 10 B Oxazepam n per conc. (ng/mL) site	10 9 1 0 ENZODIA Site	+ 0 0 1 9 10 AZEPINES e A +	- 10 10 9 1 0 (BZO 5000 Site	0 0 1 9 10)	- 10 10 9 1 0	+ 0 0 1 9 10 e C +
300 10 B Oxazepam n per conc. (ng/mL) site 0 10	10 9 1 0 ENZODIA Site -	+ 0 0 0 1 9 10 AZEPINES & A + 0	- 10 10 9 1 0 (BZ0 500 Site	0 0 1 9 10)	- 10 10 9 1 0 Site	+ 0 0 0 1 9 10 e C + 0
300 10 B Oxazepam n per conc. (ng/mL) site 0 10 250 10	10 9 1 0 ENZODIA Situt - 10	+ 0 0 1 9 10 AZEPINES e A + 0 0	- 10 10 9 1 0 (BZO 5000 Site - 10 10 10	0 0 1 9 10) e B + 0	- 10 10 9 1 0 Site	+ 0 0 1 9 10 + 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
300 10 B Oxazepam n per conc. (ng/mL) site 0 10 250 10 375 10	10 9 1 0 ENZODIA Site - 10 10	+ 0 0 1 9 10 AZEPINES & A + 0 0 2	- 10 10 9 1 0 (BZO 5000 Site - 10 10 9	0 0 1 9 10) > B + 0 0	- 10 10 9 1 0 Site - 10 10 8	+ 0 0 1 9 10 C + 0 0 2
300 10 B Oxazepam n per conc. (ng/mL) site 0 10 250 10 375 10 625 10	10 9 1 0 ENZODIA Site - 10 10 8	+ 0 0 1 9 10 AZEPINES & + 0 0 2 9	- 10 10 9 1 0 (BZ0 500 Site - 10 10 9	0 0 1 9 10) + 0 0	- 10 10 9 1 0 Site - 10 10 8	+ 0 0 1 9 10 E C + 0 0 2 9
300 10 B Oxazepam n per conc. (ng/mL) site 0 10 250 10 375 10 625 10 750 10	10 9 1 0 ENZODIA Sitt - 10 10 8 1	+ 0 0 1 9 10 AZEPINES P A + 0 0 2 9 10	- 10 10 9 1 0 (BZO 5000 Site - 10 10 9 2	0 0 1 9 10) = B + 0 0 1 8 10	- 10 10 9 1 0 Site - 10 10 8	+ 0 0 1 9 10 E C + 0 0 2
300 10 Barrian Sample Sample	10 9 1 0 ENZODIA - 10 10 8 1 0 ENZODIA	+ 0 0 1 9 10 AZEPINES + 0 0 2 9 10 AZEPINES	- 10 10 9 1 0 (BZO 5000 Site - 10 10 9 2 0 (BZO 3000	0 0 1 9 10)) B B + 0 0 1 8 10	- 10 10 9 1 0 Site - 10 10 8 1	+ 0 0 1 9 10 + 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
300 10 B Oxazepam n per conc. (ng/mL) site 0 10 250 10 375 10 625 10 750 10 B Oxazepam n per	10 9 1 0 ENZODIA - 10 10 8 1 0 ENZODIA Site	+ 0 0 1 9 10 AZEPINES 2 9 10 AZEPINES 2 A	- 10 10 9 1 0 (BZO 5000 Site 0 10 9 2 0 (BZO 3000 Site 0 10 10 9 2 10 0 Site 0 10 10 10 10 10 10 10 10 10 10 10 10 1	0 0 1 9 10)	- 10 10 9 1 0 Sitt - 10 10 8 1 0 Sitt	+ 0 0 1 9 10
300 10 B Oxazepam n per conc. (ng/mL) site 0 10 250 10 375 10 625 10 750 10 Oxazepam n per conc. (ng/mL) B Oxazepam n per conc. (ng/mL) site	10 9 1 0 ENZODIA - 10 10 8 1 0 ENZODIA Site	+ 0 0 1 9 10 AZEPINES & A + 0 0 2 9 10 AZEPINES & A + + + + + + + + + + + + + + + + + +	- 10 10 9 1 0 (BZO 5000 Site 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 9 10))	- 10 10 9 1 0 Site 1 1 1 0 Site 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	+ 0 0 0 1 9 10
300 10 B Oxazepam n per conc. (ng/mL) site 0 10 250 10 375 10 625 10 750 10 Oxazepam n per conc. (ng/mL) B Oxazepam n per conc. (ng/mL) site 0 10	10 9 1 0 ENZODIA Site - 10 10 8 1 0 ENZODIA Site - 10	+ 0 0 1 9 10 AZEPINES & A + 0 0 AZEPINES & A + 0 AZEPINES & A + 0 O D AZEPINES & A + 0 O D AZEPINES & A + 0 O D D AZEPINES & A + 0 O D D D D D D D D D D D D D D D D D D	- 10 10 9 1 0 (BZO 5000 Site 0 0 0 (BZO 3000 Site 0 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 9 10)) e B	- 10 10 9 1 0 Site - 10 10 8 1 0	+ 0 0 0 1 9 10 - 10 - 10 - 10 - 10 - 10 -
300 10 B Oxazepam n per conc. (ng/mL) site 0 10 250 10 375 10 625 10 750 10 B Oxazepam n per conc. (ng/mL) 0 10 10 0 10 10 10 10 10	10 9 1 0 ENZODIA Site - 10 10 8 1 0 ENZODIA Site - 10 10	+ 0 0 1 9 10 AZEPINES & A + 0 0 AZEPINES & A + 0 0 0 AZEPINES & A + 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	- 10 10 9 1 0 (BZO 5000 Site 5 0 0 (BZO 3000 Site 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 9 10) e B + 0 0 1 8 10) e B B + 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	- 10 10 9 1 0 Site 1 1 1 0 Site 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	+ 0 0 0 1 9 10 - 10 - 10 - 10 - 10 - 10 -
300 10 B Oxazepam n per conc. (ng/mL) site 0 10 250 10 375 10 625 10 750 10 B Oxazepam n per conc. (ng/mL) site 0 10 250 10 750 10 B Oxazepam n per conc. (ng/mL) site 0 10 150 10 225 10	10 9 1 0 ENZODIA Site - 10 10 8 1 0 ENZODIA Site - 10 10 10	+ 0 0 1 9 10 AZEPINES & A + 0 0 AZEPINES & A + 0 0 AZEPINES & A + 0 0 1 1	- 10 10 9 1 0 (BZO 5000 Site 5 0 0 (BZO 3000 Site 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 9 10) e B + 0 0 1 8 10) e B - + 0 0 1 1 8 10 10 1 1 1 1 1 1 1 1 1 1 1 1	- 10 10 9 1 0 Site - 10 10 8 1 0 Site - 10 10 9	+ 0 0 0 1 9 10 e C + 0 0 0 1 0 e C + 0 0 0 1 1
300 10 B Oxazepam n per conc. (ng/mL) site 0 10 250 10 375 10 625 10 750 10 B Oxazepam n per conc. (ng/mL) site 0 10 10 0xazepam n per conc. (ng/mL) site 0 10 150 10	10 9 1 0 ENZODIA Site - 10 10 8 1 0 ENZODIA Site - 10 10	+ 0 0 1 9 10 AZEPINES & A + 0 0 AZEPINES & A + 0 0 0 AZEPINES & A + 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	- 10 10 9 1 0 (BZO 5000 Site 5 0 0 (BZO 3000 Site 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 9 10) e B + 0 0 1 8 10) e B B + 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	- 10 10 9 1 0 Site - 10 10 10 10 10 10 10 10 10 10	+ 0 0 0 1 9 10

		BENZODIA	AZEPINES	(BZO 200))		
Oxazepam	n per	Sit	e A	Sit	e B	Sit	e C
conc. (ng/mL)	site	-	+	-	+	-	+
0	10	10	0	10	0	10	0
100	10	10	0	10	0	10	0
150	10	9	1	8	2	9	1
250	10	1	9	1	9	2	8
300	10	0	10	0	10	0	10
		BENZODIA	AZEPINES	(BZO 100)		
Oxazepam	n per	Sit	e A	Sit	e B	Sit	e C
conc. (ng/mL)	site	-		-	+		
0	10	10	0	10	0	10	0
50	10	10	0	10	0	10	0
75	10	9	1	8	2	7	3
125	10	1	9	1	9	2	8
150	10	0	10	0	10	0	10
		Bupre	enorphine	(BUP)			
Buprenorphine	n per	Sit	e A	Sit	e B	Sit	e C
conc. (ng/mL)	site	-		-	+		
0	10	10	0	10	0	10	0
5	10	10	0	10	0	10	0
07. Mai	10	9	1	9	1	8	2
12. Mai	10	1	9	1	9	1	9
15	10	0	10	0	10	0	10
			AINE (COC				
Benzoylecgonine	n per	Sit	e A	Sit	e B	Sit	e C
conc. (ng/mL)	site	-	+	-	+	-	+
0	10	10	0	10	0	10	0
150	10	10	0	10	0	10	0
225	10	9	1	9	1	9	1
375	10	1	9	1	9	1	9
450	10	0	10	0	10	0	10
			AINE (COC				
Benzoylecgonine	n per	Sit			e B	Sit	e C
conc. (ng/mL)	site	-	+	-	+	-	+
0	10	10	0	10	0	10	0
50	10	10	0	10	0	10	0
75	10	9	1	9	1	9	1
125	10	2	8	2	8	2	8
150	10	0	10	0	10	0	10
		MARIJ	IUANA (T	HC150)			
11-nor-D9-	n per	Site	e A	Sit	е В	Sit	e C
COOH	site						
conc. (ng/mL) 0	10	- 10	+ 0	10	+	10	+ 0
75	10	10	0	10	0	10	-
112.5	10	9	1	9	0	9	1
187.5	10	2	8	1	9	1	9
225	10	0	10	0	10	0	10
223	10		JUANA (T	-	10	U	10
11-nor-D9-				· ·			
COOH	n per	Site	e A	Sit	е В	Sit	e C
conc. (ng/mL)	site	-		-	+		+
0	10	10	0	10	0	10	0
25	10	10	0	10	0	10	0
37.5	10	9	1	8	2	9	1
62.5	10	1	9	1	9	2	8
75	10	0	10	0	10	0	10
			JUANA (T	-			
11-nor-D9-					• D		
COOH	n per	Site	e A	Sit	e B	Sit	e U
conc. (ng/mL)	site	-	+	-	+	-	+
0	10	10	0	10	0	10	0
12. Mai	10	10	0	10	0	10	0
18.75	10	8	2	8	2	8	2
31.25	10	1	9	1	9	2	8
37.5	10	0	10	0	10	0	10

		METIL	ADONE /M	TD200\			_	
Methadone	nnor		ADONE (M e A		 e B	Qi+	e C	
conc. (ng/mL)	n per site	-	+	-	+	-	+	н
0	10	10	0	10	0	10	0	
150	10	10	0	10	0	10	0	
			-		-		_	-
225	10	9	1	9	1	9	1	
375	10	1	9	1	9	1	9	
450	10	0	10	0	10	0	10	
			ADONE (M					
Methadone	n per	Sit	e A	Sit	е В	Sit	e C	- 1
conc. (ng/mL)	site	-	+	-	+	-	+	
0	10	10	0	10	0	10	0	
100	10	10	0	10	0	10	0	
150	10	8	2	8	2	8	2	
250	10	1	9	1	9	2	8	
300	10	0	10	0	10	0	10	
		FTHAMP	HETAMINE	(MFT1 0	00)			
Methampheta-				<u> </u>				
mine	n per	Sit	e A	Sit	е В	Sit	e C	
conc. (ng/mL)	site	-	+	-	+	_	+	
0	10	10	0	10	0	10	0	
	-	-	-		-	-		-
500	10	10	0	10	0	10	0	
750	10	9	1	9	1	9	1	
1,25	10	1	9	2	8	1	9	
1,5	10	0	10	0	10	0	10	- 1
	. N	METHAMP	HETAMINI	E (MET 50	0)			
Methampheta-	n per	Sit	e A	Sit	e B	Sit	e C	-1
mine conc. (ng/	site	_	+	_	+	_	+	
mL)	Oito							
0	10	10	0	10	0	10	0	
250	10	10	0	10	0	10	0	
375	10	9	1	9	1	9	1	
625	10	1	9	1	9	1	9	
750	10	0	10	0	10	0	10	- 8
	N	ЛЕТНАМР	HETAMIN	F (MFT30	0)			-
Methampheta-		Sit			e B	Sit	e C	
mine conc. (ng/	n per	0.1		0.10		010		
mL)	site					-	+	
0	10	10	0	10	0	10	0	
150	10	10	0	10	0	10	0	
225	10	9	1	9	1	9	1	
375	10	1	9	-	9	1	9	
				1				
450	10	0	10	0	10	0	10	- 1
	LENEDIO)		MPHETAN				. 0	
Methylenedioxy-		Sit	e A	Sit	e B	Sit	e C	-
methampheta- mine	n per							H
	site						+	-
conc. (ng/mL)			_		_			-
0	10	10	0	10	0	10	0	
500	10	10	0	10	0	10	0	
750	10	9	1	9	1	8	2	
1,25	10	1	9	1	9	1	9	
1,5	10	0	10	0	10	0	10	
		XYMETH	AMPHETA	MINE (MD		Ecstasy		
Methylenedioxy- methampheta-	n per		e A		e B		e C	
mine conc. (ng/	site					_	+	-
mL)								
0	10	10	0	10	0	10	0	
250	10	10	0	10	0	10	0	-1
200		8	2	9	1		-	
275				9	. I	9	1 1	
375	10							- 1
375 625 750	10	1 0	9	1 0	9	1 0	9	

			PHINE (MO				
Morphine conc.	n per	Sit	e A	Sit	е В	Sit	e C
(ng/mL)	site	-	+	-	+	-	+
0	10	10	0	10	0	10	0
150	10	10	0	10	0	10	0
225	10	9	1	9	1	9	1
375	10	1	9	1	9	1	9
450	10	0	10	0	10	0	10
		MORF	PHINE (MO	P 100)			
Morphine conc.	n per	Sit	e A	Sit	e B	Sit	e C
(ng/mL)	site	-	+	-	+		
0	10	10	0	10	0	10	0
50	10	10	0	10	0	10	0
75	10	9	1	9	1	9	1
125	10	1	9	1	9	1	9
150	10	0	10	0	10	0	10
100	10		UALONE (•	10
Methaqualone	n ner		e A		e B	Sit	е С
conc. (ng/mL)	n per site	_	+	-	+	-	+
0	10	10	0	10	0	10	0
150	10	10	0	10	0	10	0
	10	9	1	9	1	9	1
225 375	-	1		1		1	
	10	-	9	-	9	-	9
450	10	0	10	0	10	0	10
			E/OPIATE			0:1	- 0
Morphine conc.	n per		e A		e B	Sit	
(ng/mL)	site	-	+	-	+	-	+
0	10	10	0	10	0	10	0
1	10	10	0	10	0	10	0
1,5	10	9	1	9	1	9	1
2,5	10	1	9	1	9	1	9
3	10	0	10	0	10	0	10
		PHEN	CYCLIDINI				
Phencyclidine	n per	Sit	e A	Sit	е В	Sit	e C
conc. (ng/mL)	site	-	+	-	+	-	+
0	10	10	0	10	0	10	0
12. Mai	10	10	0	10	0	10	0
18.75	10	8	2	9	1	9	1
31.25	10	1	9	1	9	1	9
37.5	10	0	10	0	10	0	10
		PROP	OXYPHENI	E (PPX)			
Propoxyphene	n per	Sit	e A	Sit	е В	Sit	e C
conc. (ng/mL)	site	-	+	-	+	-	+
0	10	10	0	10	0	10	0
150	10	10	0	10	0	10	0
225	10	8	2	9	1	9	1
375	10	1	9	1	9	1	9
450	10	0	10	0	10	0	10
	TRI	CYCLIC AI	NTIDEPRE	SSANTS (TCA)		
Nortriptyline	n per	Sit	e A	Sit	е В	Sit	e C
conc. (ng/mL)	site	-	+	-	+	-	
0	10	10	0	10	0	10	0
500	10	10	0	10	0	10	0
750	10	9	1	8	2	8	2
1,25	10	1	9	1	9	1	9
1,5	10	0	10	0	10	0	10
,-		-	amadol (TI				
	n per		e A		e B	Sit	e C
Tramadol conc	ii boi	-	+	-	+	-	+
Tramadol conc. (ng/mL)	site				0	10	0
(ng/mL)	site 10		n	10			J
(ng/mL) 0	10	10	0	10		10	Λ
(ng/mL) 0 50	10 10	10 10	0	10	0	10	0
(ng/mL) 0 50 75	10 10 10	10 10 9	0	10 9	0	8	2
(ng/mL) 0 50	10 10	10 10	0	10	0		-

		KETAN	MINE (KET	1, 000)					
Ketamine conc.	n per	Site	e A	Sit	е В	Site	e C		
(ng/mL)	site	-	+	-	+	-	+		
0	10	10	0	10	0	10	0		
500	10	10	0	10	0	10	0		
750	10	9	1	8	2	9	1		
1,25	10	1	9	1	9	2	8		
1,5	10	0	10	0	10	0	10		
V-1		Site	MINE (KE	1500) Sit	o D	Site	. C		
Ketamine conc. (ng/mL)	n per site	-	+	-	+	-	+		
0	10	10	0	10	0	10	0		
250	10	10	0	10	0	10	0		
375	10	9	1	9	1	8	2		
625	10	1	9	1	9	2	8		
750	10	0	10	0	10	0	10		
		KETA	MINE (KE	T300)					
Ketamine conc.	n per	Site	e A	Sit	e B	Site	e C		
(ng/mL)	site	-	+	-	+	-	+		
0	10	10	0	10	0	10	0		
150	10	10	0	10	0	10	0		
225	10	9	1	9	1	9	1		
375	10	1	9	1	9	1	9		
450	10	0	10	0	10	0	10		
			MINE (KE		. D	-01	. 0		
Ketamine conc.	n per	Site		Sit		Site			
(ng/mL)	site	-	+	- 10	+	- 10	+		
0	10	10	0	10	0	10	0		
50 75	10	10	1	10	0	10	1		
125	10 10	9	9	9	9	9	8		
150	10	0	10	0	10	0	10		
130	10		odone (OX		10	U	10		
Oxycodone	n per	Site		Sit	e. B	Site	e C		
conc. (ng/mL)	site	-	+	-	+	-	+		
0	10	10	0	10	0	10	0		
50	10	10	0	10	0	10	0		
75	10	9	1	9	1	9	1		
125	10	1	9	1	9	1	9		
150	10	0	10	0	10	0	10		
		Coti	nine (COT	200)					
Cotinine conc.	n per	Site	e A	Sit	e B	Site	e C		
(ng/mL)	site	-	+	-	+	-	+		
0	10	10	0	10	0	10	0		
100	10	10	0	10	0	10	0		
150	10	9	1	9	1	9	1		
250	10	1	9	1	9	2	8		
300	10	0	10	0	10	0	10		
COTININE (COT 100)									
Cakinina					o D				
Cotinine conc.	n per	Site	e A	Sit		Site			
(ng/mL)	site	Site -	e A +	Sit	+	-	+		
(ng/mL)	site 10	Site - 10	e A + 0	Sit	+ 0	- 10	+ 0		
(ng/mL) 0 50	site 10 10	Site - 10 10	+ 0 0	Site - 10 10	+ 0 0	- 10 10	+ 0 0		
(ng/mL) 0 50 75	site 10 10 10	Site - 10 10 9	+ 0 0 0	Site - 10 10 9	+ 0 0 1	- 10 10 9	+ 0 0 1		
(ng/mL) 0 50	site 10 10 10 10	Site - 10 10 9 1	+ 0 0 1 9	Site - 10 10	+ 0 0	- 10 10	+ 0 0		
(ng/mL) 0 50 75 125	site 10 10 10 10 10 10	Site - 10 10 9	+ 0 0 1 9 10	Site - 10 10 9 1 0	+ 0 0 1 9	10 10 9 1	+ 0 0 1 9		
(ng/mL) 0 50 75 125	site 10 10 10 10 10 10	Situ - 10 10 9 1 0	+ 0 0 0 1 9 10 -3,3-diph	Site - 10 10 9 1 0	+ 0 0 1 9 10 idine (EDD	10 10 9 1	+ 0 0 1 9		
(ng/mL) 0 50 75 125 150 2-Ethy	site 10 10 10 10 10 10 10 10 10	Site - 10 10 9 1 0	+ 0 0 0 1 9 10 -3,3-diph	Site - 10 10 9 1 0 enylpyrrol	+ 0 0 1 9 10 idine (EDD	- 10 10 9 1 0	+ 0 0 1 9		
(ng/mL) 0 50 75 125 150 2-Ethy EDDP conc.	site 10 10 10 10 10 10 10 n per	Site - 10 10 9 1 0 s-dimethyl	+ 0 0 0 1 9 10 -3,3-diph	Site - 10 10 9 1 0 enylpyrrol	+ 0 0 1 9 10 idine (EDD	- 10 10 9 1 0 0P 300)	+ 0 0 0 1 1 9 10 10 e C		
(ng/mL) 0 50 75 125 150 2-Ethy EDDP conc. (ng/mL)	site 10 10 10 10 10 10 n per site	Site - 10 10 9 1 0 Site Site - 10 10 10 10 10 10 10 10 10 10 10 10 10	+ 0 0 0 1 9 10 -3,3-diph	Site - 10 10 9 1 0 enylpyrrol Site -	+ 0 0 1 9 10 idine (EDD e B +	- 10 10 9 1 0 OP 300) Site	+ 0 0 0 1 9 10 e C +		
(ng/mL) 0 50 75 125 150 2-Ethy EDDP conc. (ng/mL) 0	site 10 10 10 10 10 10 rlidene-1,5 n per site 10	Site - 10 10 9 1 0 5-dimethyl Site - 10	e A + 0 0 0 1 9 10 -3,3-diph e A + 0	Sit - 10 10 9 1 0 enylpyrrol Sit - 10	+ 0 0 0 1 9 10 idine (EDE e B + 0	- 10 10 9 1 0 0 0P 300) Site	+ 0 0 0 1 9 10 + 0 0 + 0 0		
(ng/mL) 0 50 75 125 150 2-Ethy EDDP conc. (ng/mL) 0 150	site 10 10 10 10 10 10 rlidene-1,5 n per site 10 10	Site - 10 10 9 1 0 5-dimethyl Site - 10 10	e A + 0 0 1 9 10 -3,3-diph e A + 0 0 0	Sit - 10 10 9 1 0 enylpyrrol Sit - 10 10	+ 0 0 1 9 10 idine (EDD e B + 0 0 0	- 10 10 9 1 0 0P 300) Site - 10	+ 0 0 1 9 10 E C + 0 0 0		
(ng/mL) 0 50 75 125 150 2-Ethy EDDP conc. (ng/mL) 0 150 225 375 450	site 10 10 10 10 10 10 n per site 10 10 10 10 10 10 10 10	Site - 10	e A	Sit - 10 10 9 1 0 enylpyrrol Sit - 10 9 2 0	+ 0 0 0 1 9 10 idine (EDD e B + 0 0 1 8 10)	- 10 10 9 1 0 OP 300) Site - 10 10 9 1 0 0	+ 0 0 1 9 10 EC + 0 0 1		
(ng/mL) 0 50 75 125 150 2-Ethy EDDP conc. (ng/mL) 0 150 225 375 450 2-Ethy	site 10 10 10 10 10 10 n per site 10 10 10 10 10 10 10 10	Site - 10 10 9 1 0 Site - 10 10 9 1 10 9 1 10 9 1 10 9 1 10 9 1 10 5-dimethyl	e A	Sitt - 10	+ 0 0 0 1 9 10 idine (EDD e B + 0 0 1 8 10 idine (EDD i	- 10 10 9 1 0 0P 300) Site - 10 10 9 1 0 0P 100)	+ 0 0 1 9 10 0 0 1 9 10 0 0 1 1 9 10 10 10 10 10 10 10 10 10 10 10 10 10		
(ng/mL) 0 50 75 125 150 2-Ethy EDDP conc. (ng/mL) 0 150 225 375 450 2-Ethy EDDP conc.	site 10 10 10 10 10 10 10 rlidene-1,5 10 10 10 10 10 10 10 10 10 n per	Site - 10	e A	Sit - 10 10 9 1 0 enylpyrrol Sit - 10 9 2 0	+ 0 0 0 1 9 10 idine (EDD e B + 0 0 1 8 10 idine (EDD e B E E E E E E E E E E E E E E E E E E	- 10 10 9 1 0 OP 100 9 1 0 OP 100 OP 100 Site	+ 0 0 1 9 10		
(ng/mL) 0 50 75 125 150 2-Ethy EDDP conc. (ng/mL) 0 150 225 375 450 2-Ethy	site 10 10 10 10 10 10 vlidene-1,ste 10 10 10 10 10 10 10 10 10 10 10 10 10	Site - 10 10 9 1 0 Site - 10 10 9 1 10 9 1 10 9 1 10 9 1 10 9 1 10 5-dimethyl	e A	Sitt - 10	+ 0 0 0 1 9 10 idine (EDD e B + 0 0 1 8 10 idine (EDD i	- 10 10 9 1 0 0P 300) Site - 10 10 9 1 0 0P 100)	+ 0 0 1 9 10 0 0 1 9 10 0 0 1 1 9 10 10 10 10 10 10 10 10 10 10 10 10 10		

50	10	10	0	10	0	10	0
75	10	9	1	9	1	9	1
125	10	1	9	1	9	1	9
150	10	0	10	0	10	0	10
		Fer	ntanyl (FYI	L20)			
FYL conc. (ng/	n per	Sit	e A	Sit	e B	Sit	e C
mL)	site	-		-			
0	10	10	0	10	0	10	0
10	10	10	0	10	0	10	0
15	10	9	1	9	1	9	1
25	10	1	9	1	9	1	9
30	10	0	10	0	10	0	10
		Fer	ntanyl (FY	L10)			
FYL conc. (ng/	n per	Site		Śit	e B	Site	 e C
mL)	site	-		-			
0	10	10	0	10	0	10	0
5	10	10	0	10	0	10	0
07. Mai	10	9	1	9	1	9	1
12. Mai	10	1	9	1	9	1	9
15	10	0	10	0	10	0	10
			K2 50	-			
K2 conc. (ng/	n per	Site	 е А	Sit	e B	Site	 e C
mL)	site	-		-			
0	10	10	0	10	0	10	0
25	10	10	0	10	0	10	0
37.5	10	8	2	8	2	9	1
62.5	10	1	9	2	8	2	8
75	10	0	10	0	10	0	10
			K2 30				
K2 conc. (ng/	n per	Sit	e A	Sit	e B	Sit	e C
mL)	site	-		-			
0	10	10	0	10	0	10	0
15	10	10	0	10	0	10	0
22. Mai	10	8	2	9	1	9	1
37.5	10	1	9	1	9	1	9
45	10	0	10	0	10	0	10
			6-MAM				
6-MAM conc.	n per	Sit	e A	Sit	e B	Sit	e C
(ng/mL)	site	-	+	-	+	-	
0	10	10	0	10	0	10	0
5	10	10	0	10	0	10	0
07. Mai	10	9	1	9	1	9	1
12. Mai	10	1	9	1	9	1	9
15	10	0	10	0	10	0	10
			MDA 500				
MDA conc. (ng/	n per	Sit	e A	Sit	e B	Sit	e C
mL)	site	-	+	-	+	-	+
0	10	10	0	10	0	10	0
250	10	10	0	10	0	10	0
375	10	9	1	9	1	9	1
625	10	1	9	1	9	1	9
750	10	0	10	0	10	0	10

ANALYTICAL SENSITIVITY

A drug-free urine pool was spiked with drugs at the listed concentrations. The results are summarized below

Discretificance	Drug Concentration	AMP	1,000	AMF	P 500	AMF	300	BAR	300	BAF	R 200	BZO	500	BZ0	300	BZ0	200
OS DELICITION Continue								-	+	-	+				+		+
-2-5% Out-eff 26 4 28 5 27 3 27 3 27 3 27 3 27 3 27 3 27 3 27	0 % Cut-off	30	0	30		30		30	0	30		30		30		30	0
-2-5% Out-eff 26 4 28 5 27 3 27 3 27 3 27 3 27 3 27 3 27 3 27			_		_						0		0		0		
Calculate					-		-		-		-		3		-		-
#459 Sufferd		15	15		15	15		16	14	-	15	15	15	15	15	16	14
#-590 Kul-off			-		-	-	-	_		-	-	-	-	_	-		
### ### ##############################				-			30	0	-	-		0	30	-	30	-	
Collectif Remon Collectif				-		-		-		-		-		-		-	
Collectif Remon Collectif																	
0	Drug Concentration	BZC	0100	В	UP	COC	300	COC	100	THO	150	THO	C 50	THO	25	MTD	300
-59% Cut-off 30 0 30 0 30 0 30 0 30 0 30 0 30 0 3	Cut-off Range					-	+		+		+				+		+
225% Gut-off 22 3 26 4 26 4 27 3 27 3 26 4 27 3 27 3 27 3 27 3 27 3 27 3 27 3 27 3 27 3 27 3 27 3 27 3 27 3 27 3 27 3 27 3 27 3 27 3 27 4 26 4 26 3 27	0 % Cut-off	30	0	30	0	30	0	30	0	30	0	30	0	30	0	30	0
Cut-off	-50 % Cut-off	30	0	30	0	30	0	30	0	30	0	30	0	30	0	30	0
## 25% Cut-off 0 30 27 3 27 3 27 4 26 3 27 4 26 3 27 4 26 3 27 4 26 3 27 4 26 3 3 27 4 26 4 27 3 3 27 3 3 27	-25% Cut-off	27	3	26	4	26	4	27	3	27	3	26	4	27	3	27	3
#50% Cut-off 0 30 0 30 0 30 0 30 0 30 0 30 0 30 0	Cut-off	14	16	14	16	13	17	16	14	15	15	14	16	16	14	15	15
#300% Cut-off 0 30 0 30 0 30 0 30 0 30 0 30 0 30 0	+25 % Cut-off	3	27	3	27	3	27	4	26	4	26	3	27	4	26	3	27
Drug Concentration MTD200 MET 1,000 MET 500 MET 300 MDMA 1,000 MMM 500 MOP 100 Cit-off Ratings - + -	+50% Cut-off	0	30	0	30	0	30	0	30	0	30	0	30	0	30	0	30
O+SC Qut-off 30	+300 % Cut-off	0	30	0	30	0	30	0	30	0	30	0	30	0	30	0	30
O+SC Qut-off 30																	
0% Cut-off 30 0 30 0 30 0 30 0 30 0 30 0 30 0 3							1			1							
-50% Cut-off 30 0 30 0 30 0 30 0 30 0 30 0 30 0 3	S .																
-2-5% Cut-off	- 70 001 011		-		-		-		-		-		-		-		-
Cut-off			_		-		-		-		-		-		-		-
## 25% Cut-off			-				-		-				-	-			-
## 50% Cut-off			-		-		_	-					-	-	-		
+300% Cut-off 0 30 0 30 0 30 0 30 0			_				-	_		-	_		-	-			
Drug Concentration OPI			_	-	_	-		-		-		-		-		-	
Cut-off Range - + - <	+300 % Cut-off	0	30	0	30	0	30	0	30	0	30	0	30	0	30	0	30
Cut-off Range - + - <	Drug Concentration	0)PI	Р	СP	P	Þχ	T	. Δ	Т	MI	KET	1 000	KET	500	KET	300
0 % Cut-off 30 0 30 0 30 0 30 0 30 0 30 0 30 0 3									_								
-25% Cut-off	0 % Cut-off	30		30		30		30		30		30		30		30	
-25% Cut-off	-50 % Cut-off	30	0	30	0	30	0	30	0	30	0	30	0	30	0	30	0
+25% Cut-off 5 25 3 27 4 26 3 27 4 26 4 26 3 27 3 27 4 26 4 26 3 27 3 27 4 26 4 26 4 26 3 27 3 27 4 26 4 26 4 26 3 27 3 27 4 26 4 26 4 26 3 27 3 27 4 26 4 26 4 26 4 26 4 26 4 26 3 27 3 27 4 26 4 26 4 26 4 26 4 26 4 26 4 26 4	-25% Cut-off	27	3	26	4	27	3	25	5	27	3	26	4	27	3	26	4
## ## ## ## ## ## ## ## ## ## ## ## ##	Cut-off	15	15	15	15	14	16	15	15	15	15	16	14	15	15	15	15
Hard	+25% Cut-off	5	25	3	27	4	26	3	27	4	26	4	26	3	27	3	27
Drug Concentration Cut-off Range KET100 MQL OXY COT200 COT100 EDDP 300 EDDP 100 FYL20 Cut-off Range - + - + - + - + - + - + - + - + - + - +	+50 % Cut-off	0	30	0	30	0	30	0	30	0	30	0	30	0	30	0	30
Cut-off Bareich - + - - - 1 1 1 1	+300 % Cut-off	0	30	0	30	0	30	0	30	0	30	0	30	0	30	0	30
Cut-off Bareich - + - - - 1 1 1 1																	
Cut-off Range Cut-off 30 0 30 <		KET	Γ100	M	QL	0	XΥ	COT	200	Co-	Γ100	EDD	P 300	EDD	P 100	FYI	_20
0% Cut-off 30 0 30 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									1								
-50% Cut-off 30 0 30 0 30 0 30 0 30 0 30 0 30 0 3		20		20				20		20		20		20		20	
-25% Cut-off 27 3 27 3 27 3 27 3 27 3 27 3 27 3 27			_		_												
Cut-off 15 16 14 15 15 15 15 15 15 15 15 15 15 <t< td=""><td></td><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>					-												
+25% Cut-off 3 27 4 26 4 26 4 26 4 26 3 27 3 27 +50% Cut-off 0 30			_														
+50% Cut-off			_		_					-							
+300% Cut-off 0 30 0 </td <td></td> <td></td> <td>_</td> <td></td> <td>_</td> <td></td> <td></td> <td>-</td> <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>			_		_			-		-							
Drug Concentration Cut-off Range FYL10 K2 50 K2 30 6-MAM 10 MDA 500 Cut-off Bereich - + - - - - -			_		_					-							
Cut-off Range FYLIU K2 50 K2 30 6-MAW 10 MDA 500 Cut-off Bereich - + - - + - - + - - + - - + - - - - - - - -	1 000 /0 001 011										00				00		
Cut-off Range FYLIU K2 50 K2 30 6-MAW 10 MDA 500 Cut-off Bereich - + - - + - - + - - + - - + - - - - - - - -	Drug Concentration		110		. 50	1/0	20		\M 10	MD	\ F00						
0 % Cut-off 30 0 30 <td>Cut-off Range</td> <td>FY</td> <td>LIU</td> <td>K2</td> <td>:50</td> <td>K2</td> <td>30</td> <td>b-M<i>F</i></td> <td>AIVI IU</td> <td>MDA</td> <td>1500</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Cut-off Range	FY	LIU	K2	:50	K2	30	b-M <i>F</i>	AIVI IU	MDA	1500						
-50 % Cut-off 30 0 30 0 30 0 30 0 -25 % Cut-off 27 3 26 4 27 3 26 4 Cut-off 15 15 15 16 14 15 15 15 15 +25 % Cut-off 4 26 3 27 4 26 4 26 3 27 +50 % Cut-off 0 30 0 30 0 30 0 30 0 30	Cut-off Bereich	-	+	-	+	-	+	-	+	-	+						
-25 % Cut-off 27 3 26 4 27 3 26 4 Cut-off 15 15 15 16 14 15 15 15 15 +25 % Cut-off 4 26 3 27 4 26 4 26 3 27 +50 % Cut-off 0 30 0 30 0 30 0 30 0 30	0% Cut-off	30	0	30	0	30	0	30	0	30	0						
Cut-off 15 15 15 16 14 15 15 15 15 +25% Cut-off 4 26 3 27 4 26 4 26 3 27 +50% Cut-off 0 30 0 30 0 30 0 30	-50 % Cut-off	30	0	30	0	30	0	30	0	30	0						
+25% Cut-off 4 26 3 27 4 26 4 26 3 27 +50% Cut-off 0 30 0 30 0 30 0 30 0 30	-25 % Cut-off	27	3	26	4	27	3	27	3	26	4						
+50 % Cut-off 0 30 0 30 0 30 0 30 0 30	Cut-off	15	15	15	15	16	14	15	15	15	15						
	+25% Cut-off	4	26	3	27	4	26	4	26	3	27						
+300% Cut-off 0 30 0 30 0 30 0 30 0 30	+50% Cut-off	0	30	0	30	0	30	0	30	0							
	+300 % Cut-off	0	30	0	30	0	30	0	30	0	30						

ANALYTICAL SPECIFICITY

The following table lists the concentrations of compounds (ng/mL) that are detected as positive in urine by the Multi-Drug Rapid Test Cup at 5 minutes.

rest oup at 5 minu			O
Analytes	Concentration (ng/mL)	Analytes	Concentration (ng/ mL)
	AMPHETAMINE	(AMP 1 000)	IIIE <i>)</i>
D,L-Amphetamine			
sulfate	300	Phentermine	1
L-Amphetamine	25	Maprotiline	50
(±) 3,4-Methylenedi-	500	Methoxyphena-	6
oxy amphetamine	500	mine D-Amphetamine	1
	AMPHETAMINE		l l
D,L-Amphetamine			
sulfate	150	Phentermine	500
L-Amphetamine	12,5	Maprotiline	25
(±) 3,4-Methylenedi-		Methoxyphena-	3
oxy amphetamine	250	mine D. Amphetemine	
	AMPHETAMINE	D-Amphetamine	500
D,L-Amphetamine			
sulfate	75	Phentermine	300
L-Amphetamine	10	Maprotiline	15
(±) 3,4-Methylenedi-		Methoxyphena-	2
oxy amphetamine	150	mine	
	D A DOLTHO A TO	D-Amphetamine	300
A march and the	BARBITURATES	. '	000
Amobarbital 5,5-Diphenylhydantoin	5 8	Alphenol Aprobarbital	600 500
Allobarbital	600	Butabarbital	200
Barbital	8	Butalbital	8
Talbutal	200	Butethal	500
Cyclopentobarbital	30	Phenobarbital	300
Pentobarbital	8	Secobarbital	300
	BARBITURATES		
Amobarbital	3	Alphenol	400
5,5-Diphenylhydantoin	5	Aprobarbital	300
Allobarbital	400	Butabarbital	150
Barbital	5	Butalbital	5
Talbutal	150	Butethal	300
Cyclopentobarbital	20	Phenobarbital	200
Pentobarbital	5	Secobarbital	200
Pentobarbital	5 BENZODIAZEPIN		200
Alprazolam	BENZODIAZEPIN 200		200
Alprazolam a-hydroxyalprazolam	BENZODIAZEPIN 200 2,5	ES (BZO 500) Bromazepam Chlordiazepoxide	1,5 1,5
Alprazolam	BENZODIAZEPIN 200	ES (BZO 500) Bromazepam Chlordiazepoxide Nitrazepam	1,5
Alprazolam a-hydroxyalprazolam Clobazam Clonazepam	BENZODIAZEPIN 200 2,5	ES (BZO 500) Bromazepam Chlordiazepoxide	1,5 1,5
Alprazolam a-hydroxyalprazolam Clobazam Clonazepam Clorazepate dipotas- sium	200 2,5 300 800	ES (BZO 500) Bromazepam Chlordiazepoxide Nitrazepam Norchlordiazep-	1,5 1,5 300
Alprazolam a-hydroxyalprazolam Clobazam Clonazepam Clorazepate dipotas- sium Delorazepam	BENZODIAZEPIN 200 2,5 300 800 800 1,5	ES (BZO 500) Bromazepam Chlordiazepoxide Nitrazepam Norchlordiazepoxide Nordiazepam Oxazepam	1,5 1,5 300 200 1,5
Alprazolam a-hydroxyalprazolam Clobazam Clonazepam Clorazepate dipotas- sium Delorazepam Desalkylflurazepam	BENZODIAZEPIN 200 2,5 300 800 800 1,5 300	ES (BZO 500) Bromazepam Chlordiazepoxide Nitrazepam Norchlordiazepoxide Nordiazepam Oxazepam Temazepam	1,5 1,5 300 200 1,5 500 300
Alprazolam a-hydroxyalprazolam Clobazam Clonazepam Clorazepate dipotas- sium Delorazepam Desalkylflurazepam Flunitrazepam	800 800 1,5 300 800 1,5 300 300	ES (BZO 500) Bromazepam Chlordiazepoxide Nitrazepam Norchlordiazepoxide Nordiazepam Oxazepam Temazepam Diazepam	1,5 1,5 300 200 1,5 500 300 500
Alprazolam a-hydroxyalprazolam Clobazam Clonazepam Clorazepate dipotas- sium Delorazepam Desalkylflurazepam Flunitrazepam (±) Lorazepam	BENZODIAZEPIN 200 2,5 300 800 800 1,5 300	ES (BZO 500) Bromazepam Chlordiazepoxide Nitrazepam Norchlordiazepoxide Nordiazepam Oxazepam Temazepam	1,5 1,5 300 200 1,5 500 300 500
Alprazolam a-hydroxyalprazolam Clobazam Clonazepam Clorazepate dipotas- sium Delorazepam Desalkylflurazepam Flunitrazepam (±) Lorazepam glucu-	800 800 1,5 300 800 1,5 300 300	ES (BZO 500) Bromazepam Chlordiazepoxide Nitrazepam Norchlordiazepoxide Nordiazepam Oxazepam Temazepam Diazepam	1,5 1,5 300 200 1,5 500 300 500
Alprazolam a-hydroxyalprazolam Clobazam Clonazepam Clorazepate dipotassium Delorazepam Desalkylflurazepam Flunitrazepam (±) Lorazepam RS-Lorazepam glucuronide	800 800 1,5 300 800 1,5 300 300 5	ES (BZO 500) Bromazepam Chlordiazepoxide Nitrazepam Norchlordiazepoxide Nordiazepam Oxazepam Temazepam Diazepam Estazolam	1,5 1,5 300 200 1,5 500 300 500
Alprazolam a-hydroxyalprazolam Clobazam Clonazepam Clorazepate dipotas- sium Delorazepam Desalkylflurazepam Flunitrazepam (±) Lorazepam glucu-	800 2,5 300 800 800 1,5 300 300 5 300	ES (BZO 500) Bromazepam Chlordiazepoxide Nitrazepam Norchlordiazepoxide Nordiazepam Oxazepam Temazepam Diazepam Estazolam Triazolam	1,5 1,5 300 200 1,5 500 300 500
Alprazolam a-hydroxyalprazolam Clobazam Clonazepam Clorazepate dipotas- sium Delorazepam Desalkylflurazepam Flunitrazepam (±) Lorazepam RS-Lorazepam glucu- ronide Midazolam	8ENZODIAZEPIN 200 2,5 300 800 800 1,5 300 300 5 300 10 BENZODIAZEPIN	ES (BZO 500) Bromazepam Chlordiazepoxide Nitrazepam Norchlordiazepoxide Nordiazepam Oxazepam Temazepam Diazepam Estazolam Triazolam ES (BZO 300)	1,5 1,5 300 200 1,5 500 300 500 10
Alprazolam a-hydroxyalprazolam Clobazam Clonazepam Clorazepate dipotassium Delorazepam Desalkylflurazepam (±) Lorazepam RS-Lorazepam glucuronide Midazolam Alprazolam	8ENZODIAZEPIN 200 2,5 300 800 800 1,5 300 300 5 300 10 BENZODIAZEPIN 100	ES (BZO 500) Bromazepam Chlordiazepoxide Nitrazepam Norchlordiazepoxide Nordiazepam Oxazepam Temazepam Diazepam Estazolam Triazolam ES (BZO 300) Bromazepam	1,5 1,5 300 200 1,5 500 300 500 10 5
Alprazolam a-hydroxyalprazolam Clobazam Clonazepam Clorazepate dipotas- sium Delorazepam Desalkylflurazepam Flunitrazepam (±) Lorazepam RS-Lorazepam glucu- ronide Midazolam	8ENZODIAZEPIN 200 2,5 300 800 800 1,5 300 300 5 300 10 BENZODIAZEPIN	ES (BZO 500) Bromazepam Chlordiazepoxide Nitrazepam Norchlordiazepoxide Nordiazepam Oxazepam Temazepam Diazepam Estazolam Triazolam ES (BZO 300) Bromazepam Chlordiazepoxide Nitrazepam	1,5 1,5 300 200 1,5 500 300 500 10
Alprazolam a-hydroxyalprazolam Clobazam Clonazepam Clorazepate dipotassium Delorazepam Desalkylflurazepam Flunitrazepam (±) Lorazepam RS-Lorazepam glucuronide Midazolam Alprazolam a-hydroxyalprazolam	8ENZODIAZEPIN 200 2,5 300 800 800 1,5 300 300 5 300 10 BENZODIAZEPIN 100 1,5	ES (BZO 500) Bromazepam Chlordiazepoxide Nitrazepam Norchlordiazepoxide Nordiazepam Oxazepam Temazepam Diazepam Estazolam Triazolam ES (BZO 300) Bromazepam Chlordiazepoxide	1,5 1,5 300 200 1,5 500 300 500 10 5
Alprazolam a-hydroxyalprazolam Clobazam Clonazepam Clorazepate dipotas- sium Delorazepam Desalkylflurazepam (±) Lorazepam RS-Lorazepam glucu- ronide Midazolam Alprazolam a-hydroxyalprazolam Clobazam	8ENZODIAZEPIN 200 2,5 300 800 800 1,5 300 300 5 300 10 BENZODIAZEPIN 100 1,5 200 500	ES (BZO 500) Bromazepam Chlordiazepoxide Nitrazepam Norchlordiazepoxide Nordiazepam Oxazepam Temazepam Diazepam Estazolam Triazolam ES (BZO 300) Bromazepam Chlordiazepoxide Nitrazepam Norchlordiazepoxide oxide	1,5 1,5 300 200 1,5 500 300 500 10 5
Alprazolam a-hydroxyalprazolam Clobazam Clonazepam Clorazepate dipotas- sium Delorazepam Desalkylflurazepam (±) Lorazepam RS-Lorazepam glucu- ronide Midazolam Alprazolam a-hydroxyalprazolam Clobazam Clonazepam Clorazepate dipotas- sium	BENZODIAZEPIN 200 2,5 300 800 800 1,5 300 300 5 300 10 BENZODIAZEPIN 100 1,5 200 500	ES (BZO 500) Bromazepam Chlordiazepoxide Nitrazepam Norchlordiazepoxide Nordiazepam Oxazepam Temazepam Diazepam Estazolam Triazolam ES (BZO 300) Bromazepam Chlordiazepoxide Nitrazepam Norchlordiazepoxide Nordiazepam	1,5 1,5 300 200 1,5 500 300 500 10 5
Alprazolam a-hydroxyalprazolam Clobazam Clonazepam Clorazepate dipotas- sium Delorazepam Desalkylflurazepam (±) Lorazepam RS-Lorazepam glucu- ronide Midazolam Alprazolam a-hydroxyalprazolam Clobazam Clonazepam Clorazepate dipotas- sium Delorazepam	8ENZODIAZEPIN 200 2,5 300 800 800 1,5 300 300 5 300 10 BENZODIAZEPIN 100 1,5 200 500	ES (BZO 500) Bromazepam Chlordiazepoxide Nitrazepam Norchlordiazepoxide Nordiazepam Oxazepam Temazepam Diazepam Estazolam Triazolam ES (BZO 300) Bromazepam Chlordiazepoxide Nitrazepam Norchlordiazepoxide Nordiazepam Nordiazepam Oxazepam	1,5 1,5 300 200 1,5 500 300 500 10 5 900 900 200 100 900 300
Alprazolam a-hydroxyalprazolam Clobazam Clonazepam Clorazepate dipotas- sium Delorazepam Desalkylflurazepam (±) Lorazepam glucu- ronide Midazolam Alprazolam a-hydroxyalprazolam Clobazam Clonazepam Clorazepate dipotas- sium Delorazepam Desalkylflurazepam	8ENZODIAZEPIN 200 2,5 300 800 800 1,5 300 300 5 300 10 BENZODIAZEPIN 100 1,5 200 500 900 200	ES (BZO 500) Bromazepam Chlordiazepoxide Nitrazepam Norchlordiazepoxide Nordiazepam Oxazepam Temazepam Diazepam Estazolam Triazolam ES (BZO 300) Bromazepam Chlordiazepoxide Nitrazepam Norchlordiazepoxide Nordiazepam Oxazepam Oxazepam Temazepam	1,5 1,5 300 200 1,5 500 300 500 10 5 900 900 200 100 900 300 100
Alprazolam a-hydroxyalprazolam Clobazam Clonazepam Clorazepate dipotas- sium Delorazepam Desalkylflurazepam (±) Lorazepam RS-Lorazepam glucu- ronide Midazolam Alprazolam a-hydroxyalprazolam Clobazam Clonazepam Clorazepate dipotas- sium Delorazepam Desalkylflurazepam Flunitrazepam	BENZODIAZEPIN 200 2,5 300 800 800 1,5 300 300 5 300 10 BENZODIAZEPIN 100 1,5 200 500 900 200 200	ES (BZO 500) Bromazepam Chlordiazepoxide Nitrazepam Norchlordiazepoxide Nordiazepam Oxazepam Temazepam Diazepam Estazolam Triazolam ES (BZO 300) Bromazepam Chlordiazepoxide Nitrazepam Norchlordiazepoxide Nordiazepam Oxazepam Oxazepam Oxazepam	1,5 1,5 300 200 1,5 500 300 500 10 5 900 900 200 100 900 300 100 300 100 300
Alprazolam a-hydroxyalprazolam Clobazam Clonazepam Clorazepate dipotas- sium Delorazepam Desalkylflurazepam (±) Lorazepam RS-Lorazepam glucu- ronide Midazolam Alprazolam a-hydroxyalprazolam Clobazam Clonazepam Clorazepate dipotas- sium Delorazepam Desalkylflurazepam Flunitrazepam (±) Lorazepam	8ENZODIAZEPIN 200 2,5 300 800 800 1,5 300 300 5 300 10 BENZODIAZEPIN 100 1,5 200 500 900 200	ES (BZO 500) Bromazepam Chlordiazepoxide Nitrazepam Norchlordiazepoxide Nordiazepam Oxazepam Temazepam Estazolam Triazolam ES (BZO 300) Bromazepam Chlordiazepoxide Nitrazepam Norchlordiazepoxide Nordiazepam Nordiazepam Oxazepam Oxazepam	1,5 1,5 300 200 1,5 500 300 500 10 5 900 900 200 100 900 300 100
Alprazolam a-hydroxyalprazolam Clobazam Clonazepam Clorazepate dipotassium Delorazepam Desalkylflurazepam (±) Lorazepam RS-Lorazepam glucuronide Midazolam Alprazolam a-hydroxyalprazolam Clobazam Clonazepam Clorazepam dipotassium Delorazepam Desalkylflurazepam Flunitrazepam (±) Lorazepam	BENZODIAZEPIN 200 2,5 300 800 800 1,5 300 300 5 300 10 BENZODIAZEPIN 100 1,5 200 500 900 200 200	ES (BZO 500) Bromazepam Chlordiazepoxide Nitrazepam Norchlordiazepoxide Nordiazepam Oxazepam Temazepam Diazepam Estazolam Triazolam ES (BZO 300) Bromazepam Chlordiazepoxide Nitrazepam Norchlordiazepoxide Nordiazepam Oxazepam Oxazepam Oxazepam	1,5 1,5 300 200 1,5 500 300 500 10 5 900 900 200 100 900 300 100 300 100 300
Alprazolam a-hydroxyalprazolam Clobazam Clonazepam Clorazepate dipotassium Delorazepam Desalkylflurazepam (±) Lorazepam RS-Lorazepam glucuronide Midazolam Alprazolam a-hydroxyalprazolam Clobazam Clonazepam Clorazepam Besalkylflurazepam Desalkylflurazepam Flunitrazepam (±) Lorazepam RS-Lorazepam RS-Lorazepam	BENZODIAZEPIN 200 2,5 300 800 800 1,5 300 300 5 300 10 BENZODIAZEPIN 100 1,5 200 500 500 900 200 200 3 200	ES (BZO 500) Bromazepam Chlordiazepoxide Nitrazepam Norchlordiazepoxide Nordiazepam Oxazepam Temazepam Diazepam Estazolam Triazolam ES (BZO 300) Bromazepam Chlordiazepoxide Nitrazepam Norchlordiazepoxide Nordiazepam Temazepam Oxazepam Temazepam Diazepam Estazolam	1,5 1,5 300 200 1,5 500 300 500 10 5 900 900 200 100 900 300 100 300 6
Alprazolam a-hydroxyalprazolam Clobazam Clonazepam Clorazepate dipotassium Delorazepam Desalkylflurazepam (±) Lorazepam RS-Lorazepam glucuronide Midazolam Alprazolam a-hydroxyalprazolam Clobazam Clonazepam Clorazepam dipotassium Delorazepam Desalkylflurazepam Flunitrazepam (±) Lorazepam	BENZODIAZEPIN 200 2,5 300 800 800 1,5 300 300 5 300 10 BENZODIAZEPIN 100 1,5 200 500 500 900 200 200 3 200 6	ES (BZO 500) Bromazepam Chlordiazepoxide Nitrazepam Norchlordiazepoxide Nordiazepam Oxazepam Temazepam Diazepam Estazolam Triazolam ES (BZO 300) Bromazepam Chlordiazepoxide Nitrazepam Norchlordiazepoxide Nordiazepam Temazepam Oxazepam Temazepam Temazepam Temazepam Tiazolam	1,5 1,5 300 200 1,5 500 300 500 10 5 900 900 200 100 900 300 100 300 6
Alprazolam a-hydroxyalprazolam Clobazam Clonazepam Clorazepate dipotas- sium Delorazepam Desalkylflurazepam (±) Lorazepam RS-Lorazepam glucu- ronide Midazolam Alprazolam a-hydroxyalprazolam Clobazam Clonazepam Clorazepate dipotas- sium Delorazepam Desalkylflurazepam Flunitrazepam (±) Lorazepam RS-Lorazepam Desalkylflurazepam (±) Lorazepam RS-Lorazepam glucu- ronide Midazolam	BENZODIAZEPIN 200 2,5 300 800 800 1,5 300 300 5 300 10 BENZODIAZEPIN 100 1,5 200 500 500 900 200 200 200 3 200 6 BENZODIAZEPIN	ES (BZO 500) Bromazepam Chlordiazepoxide Nitrazepam Norchlordiazepoxide Nordiazepam Oxazepam Temazepam Estazolam Triazolam ES (BZO 300) Bromazepam Chlordiazepoxide Nitrazepam Norchlordiazepoxide Nordiazepam Temazepam Temazepam Temazepam Temazepam Temazepam Temazepam Temazepam Estazolam Triazolam ES (BZO 200)	1,5 1,5 300 200 1,5 500 300 500 10 5 900 900 200 100 900 300 100 300 6 3
Alprazolam a-hydroxyalprazolam Clobazam Clonazepam Clorazepate dipotassium Delorazepam Desalkylflurazepam Flunitrazepam (±) Lorazepam glucuronide Midazolam Alprazolam a-hydroxyalprazolam Clobazam Clonazepam Clorazepam desalkylflurazepam Flunitrazepam Lorazepam Alprazolam RS-Lorazepam RS-Lorazepam RS-Lorazepam Alprazolam	BENZODIAZEPIN 200 2,5 300 800 800 1,5 300 300 5 300 10 BENZODIAZEPIN 100 1,5 200 500 500 900 200 200 200 3 200 6 BENZODIAZEPIN 70	ES (BZO 500) Bromazepam Chlordiazepoxide Nitrazepam Norchlordiazepoxide Nordiazepam Oxazepam Temazepam Diazepam Estazolam Triazolam ES (BZO 300) Bromazepam Chlordiazepoxide Nitrazepam Norchlordiazepoxide Nordiazepam Temazepam Temazepam Toxazepam Temazepam Temazepam Soxazepam Temazepam Texazepam Texazepam Texazepam Texazepam Texazepam Texazepam Estazolam Triazolam ES (BZO 200) Bromazepam	1,5 1,5 300 200 1,5 500 300 500 10 5 900 900 200 100 900 300 100 300 6
Alprazolam a-hydroxyalprazolam Clobazam Clonazepam Clorazepate dipotas- sium Delorazepam Tlunitrazepam (±) Lorazepam glucu- ronide Midazolam Alprazolam a-hydroxyalprazolam Clobazam Clonazepam Clorazepate dipotas- sium Delorazepam Plunitrazepam Clorazepam Clorazepam Clorazepam Clorazepam Alprazolam Alprazolam Alprazolam Alprazolam Alprazolam Alprazolam Alprazolam Alprazolam RS-Lorazepam RS-Lorazepam RS-Lorazepam Alprazolam a-hydroxyalprazolam	BENZODIAZEPIN 200 2,5 300 800 800 1,5 300 300 5 300 10 BENZODIAZEPIN 100 1,5 200 500 500 900 200 200 200 3 200 6 BENZODIAZEPIN 70 1	ES (BZO 500) Bromazepam Chlordiazepoxide Nitrazepam Norchlordiazepoxide Nordiazepam Oxazepam Temazepam Diazepam Estazolam Triazolam ES (BZO 300) Bromazepam Chlordiazepoxide Nordiazepam Norchlordiazepoxide Nordiazepam Temazepam Temazepam Temazepam Temazepam Tiazolam ES (BZO 200) Bromazepam Chlordiazepoxide	1,5 1,5 300 200 1,5 500 300 500 10 5 900 900 200 100 900 300 100 300 6 3
Alprazolam a-hydroxyalprazolam Clobazam Clonazepam Clorazepate dipotas- sium Delorazepam Desalkylflurazepam (±) Lorazepam glucu- ronide Midazolam Alprazolam a-hydroxyalprazolam Clonazepam Clorazepam diucu- ronide midazolam Alprazolam a-hydroxyalprazolam Clorazepam Clorazepam Clorazepam Alprazolam Alprazolam a-hydroxyalprazolam Clorazepam Alprazolam Alprazolam Alprazolam a-hydroxyalprazolam Clobazam Clobazam	BENZODIAZEPIN 200 2,5 300 800 800 800 1,5 300 300 5 300 10 BENZODIAZEPIN 100 1,5 200 500 900 200 200 200 3 200 6 BENZODIAZEPIN 70 1 120	ES (BZO 500) Bromazepam Chlordiazepoxide Nitrazepam Norchlordiazepoxide Nordiazepam Oxazepam Temazepam Diazepam Estazolam Triazolam ES (BZO 300) Bromazepam Norchlordiazepoxide Nitrazepam Norchlordiazepoxide Nordiazepam Estazolam Triazolam Sortiazepam Temazepam Temazepam Chlordiazepam Estazolam Triazolam ES (BZO 200) Bromazepam Chlordiazepoxide Nitrazepam	1,5 1,5 300 200 1,5 500 300 500 10 5 900 900 200 100 900 300 100 300 6 3
Alprazolam a-hydroxyalprazolam Clobazam Clonazepam Clorazepate dipotas- sium Delorazepam Tlunitrazepam (±) Lorazepam glucu- ronide Midazolam Alprazolam a-hydroxyalprazolam Clobazam Clonazepam Clorazepate dipotas- sium Delorazepam Plunitrazepam Clorazepam Clorazepam Clorazepam Clorazepam Alprazolam Alprazolam Alprazolam Alprazolam Alprazolam Alprazolam Alprazolam Alprazolam RS-Lorazepam RS-Lorazepam RS-Lorazepam Alprazolam a-hydroxyalprazolam	BENZODIAZEPIN 200 2,5 300 800 800 1,5 300 300 5 300 10 BENZODIAZEPIN 100 1,5 200 500 500 900 200 200 200 3 200 6 BENZODIAZEPIN 70 1	ES (BZO 500) Bromazepam Chlordiazepoxide Nitrazepam Norchlordiazepoxide Nordiazepam Oxazepam Temazepam Diazepam Estazolam Triazolam ES (BZO 300) Bromazepam Chlordiazepoxide Nordiazepam Norchlordiazepoxide Nordiazepam Temazepam Temazepam Temazepam Temazepam Tiazolam ES (BZO 200) Bromazepam Chlordiazepoxide	1,5 1,5 300 200 1,5 500 300 500 10 5 900 900 200 100 900 300 100 300 6 3

	Concentration		Concentration (ng/
Analytes	(ng/mL)	Analytes	mL)
Delorazepam	600	0xazepam	200
Desalkylflurazepam Flunitrazepam	120 120	Temazepam Diazepam	70 200
(±) Lorazepam	2	Estazolam	4
RS-Lorazepam glucu-	120	Triazolam	2
ronide Midazolam	4		
	BENZODIAZEPIN	ES (BZO 100)	
Alprazolam	40	Bromazepam	300
a-hydroxyalprazolam Clobazam	500 60	Chlordiazepoxide Nitrazepam	300 60
Clonazam	150	Norchlordiazep-	40
Clorazepate dipotas-		oxide	
sium	150	Nordiazepam	300
Delorazepam Desalkylflurazepam	300 60	Oxazepam Temazepam	100 40
Flunitrazepam	60	Diazepam	100
(±) Lorazepam	1	Estazolam	2
RS-Lorazepam glucu- ronide	60	Triazolam	1
Midazolam	2		
	BUPRENORPH	HINE (BUP)	
Buprenorphine	10	Norbuprenorphine	50
Buprenorphine 3-D- Glucuronide	50	Norbuprenorphine 3-D-Glucuronide	100
	COCAINE (C		
Benzoylecgonine	300	Cocaethylene	20
Cocaine HCI	200	Ecgonine	30
	COCAINE (C		
Benzoylecgonine	100	Cocaethylene	7
Cocaine HCI	80	Ecgonine	10
Cannahinal	MARIJUANA 100		50
Cannabinol 11-nor-∆8-THC-9		g8-THC	
COOH	100	g9-THC	50
11-nor-9-∆THC-9 COOH	150		
	MARIJUANA	(THC50)	
Cannabinol	35	g8-THC	17
11-nor-∆8-THC-9 COOH	30	g9-THC	17
11-nor-∆9-THC-9 COOH	50		
00011	MARIJUANA	(THC25)	
Cannabinol	17,5	g8-THC	8,5
11-nor-∆8-THC-9	15	g9-THC	8,5
COOH 11-nor-Δ9-THC-9		93 1110	0,0
COOH	25	(MATROCO)	
Methadone	METHADONE 300	(MTD300) Doxylamine	100
IVIETHAUOHE	METHADONE		100
Methadone	200	Doxylamine	65
	METHAMPHETAMI		
renimatehpmahtemy-	25	(±)-3,4-Methyle-	
xordyH-		nedioxy- methampheta-	12,5
D-Methamphetamine	1	mine	50
L-Methamphetamine	20 METHAMPHETAN	Mephentermine	50
renimatehpmahtemy-		(±)-3,4-Methyle-	
xordyH-	12,5	nedioxy-	6,25
D-Methamphetamine	500	methampheta- mine	5,25
L-Methamphetamine	10 METHAMPHETAN	Mephentermine	25
renimatehpmahtemy-		(±)-3,4-Methyle-	
xordyH-	7,5	nedioxy-	3,75
D-Methamphetamine	300	methampheta- mine	0,70
L-Methamphetamine	6 NOXYMETHAMPHET	Mephentermine AMINE (MDMA1, 00	15 N Ecstasy
(±) 3,4-Methylene-	NOX TWICT HAIVIPHE T	3,4-Methylenedi-	Lusiasy
dioxy	1	oxyethyl-amphe-	600
methamphetamine HCI (±)3,4-Methylenedi-		tamine	
oxyampheta-mine HCl	6	TARAINE (NASACA	\ F1
METHYLENE	:DIOXYMETHAMPHE	TAMINE (MDMA500) Ecstasy

Analytes	Concentration (ng/mL)	Analytes	Concentration (ng/ mL)
(±)3,4-Methylenedi- oxymetha-mphetamine HCl	500	3,4-Methylenedi- oxyethyl-amphe- tamine	300
(±) 3,4-Methylenedi-	3	taillile	
oxyamphetamine HCI	MORPHINE (I	MOD 200)	
Codeine	200	Norcodeine	6
Levorphanol	1,5	Normorphone	50
Morphine-3-β-D-	·	•	
Glucuronide	800	Oxycodone	30
Ethylmorphine	6	Oxymorphone	50
Hydrocodone	50	Procaine	15
Hydromorphone 6-Monoacethylmor-	3	Thebaine	6
phine	300	Morphine	300
printo	MORPHINE (I	MOP 100)	
Codeine	80	Norcodeine	2
Levorphanol	500	Normorphone	20
Morphine-3-2-D-	300	Oxycodone	10
Glucuronide			
Ethylmorphine Hydrocodone	2 20	Oxymorphone Procaine	20 5
Hydromorphone	1	Thebaine	2
6-Monoacethylmor-	200		
phine		Morphine	100
	Methaqualone	(MQL 300)	
Methaqualone	300		
	MORPHINE/OPIA		
Codeine	2	Morphine	2
Ethylmorphine	3	Norcodeine	25
Hydrocodone	50	Normorphone	50
Hydromorphone	15	Oxycodone	25
Levorphanol 6-Monoacetylmorphine	25 3	Oxymorphone Procaine	25 50
Morphine 3-b-D-			
glucuronide	2	Thebaine	25
	PHENCYCLID	INE (PCP)	
51 ""		4-Hydroxyphen-	
Phencyclidine	25	cyclidine	12,5
	PROPOXYPHI	ENE (PPX)	
D. Donardonale and		D-Norpropoxy-	000
D-Propoxyphene	300	phene	300
	TRICYCLIC ANTIDEP	RESSANTS (TCA)	
Nortriptyline	1	Imipramine	400
Nordoxepine	500	Clomipramine	50
Trimipramine	3	Doxepine	2
Amitriptyline	1,5	Maprotiline	2
Promazine Desipramine	200	Promethazine Perphenazine	50 50
Cyclobenzaprine	200	reipileilazille	30
0 y 0 1 0 5 0 1 1 2 a p 1 1 1 0	Tramadol	(TML)	
n-Desmethyl-cis-		o-Desmethyl-cis-	
tramadol	200	tramadol	10
Cis-tramadol	100	Phencyclidine	100
Procyclidine	100	d,I-O-Desmethyl	50
rrocychulle		venlafaxine	30
	KETAMINE (K		
Ketamine	1	Benzphetamine	25
Dextromethorphan	2	(+) Chlorpheni-	25
		ramine	
Methoxyphenamine d-Norpropoxyphene	25 25	Clonidine EDDP	100 50
		4-Hydroxyphen-	
Promazine	25	cyclidine	50
Promethazine	25	Levorphanol	50
Pentazocine	25	MDE	50
Phencyclidine	25	Meperidine	25
Tetrahydrozoline	500	d-Methamphet-	50
		amine I-Methamphet-	
Mephentermine	25	amine	50
		3,4-Methylendi-	
(1R, 2S) - (-)-Ephedrine	100	oxymethampheta-	100
	100		
		mine (MDMA)	
Disopyramide	25	Thioridazine	50
Disopyramide		Thioridazine KET500)	
	25	Thioridazine KET500) Benzphetamine	50 12,5
Disopyramide	25 KETAMINE (Thioridazine KET500)	

Analytea	Concentration	Analystaa	Concentration (ng/
Analytes	(ng/mL)	Analytes	mL)
Methoxyphenamine d-Norpropoxyphene	12,5 12,5	Clonidine EDDP	50 25
		4-Hydroxyphen-	-
Promazine	12,5	cyclidine	25
Promethazine	12,5	Levorphanol	25
Pentazocine Phencyclidine	12,5 12,5	MDE Meperidine	25 12,5
	-	d-Methamphet-	
Tetrahydrozoline	250	amine	25
Mephentermine	12,5	I-Methamphet-	25
		amine 3,4-Methylendi-	
(1R, 2S) - (-)-Ephedrine	50	oxymethampheta-	50
		mine (MDMA)	
Disopyramide	12,5	Thioridazine	25
	KETAMINE (0.05
Ketamine	300	Benzphetamine	6,25
Dextromethorphan	600	(+) Chlorpheni- ramine	6,25
Methoxyphenamine	6,25	Clonidine	30
d-Norpropoxyphene	6,25	EDDP	15
Promazine	6,25	4-Hydroxyphen-	15
Promethazine	6,25	cyclidine Levorphanol	15
Pentazocine	6,25	MDE	15
Phencyclidine	6,25	Meperidine	6,25
Tetrahydrozoline	150	d-Methamphet-	15
- Totranyarozoniic	100	amine	10
Mephentermine	6,25	I-Methamphet- amine	15
		3,4-Methylendi-	
(1R, 2S) - (-)-Ephedrine	30	oxymethampheta-	30
		mine (MDMA)	
Disopyramide	6,25	Thioridazine	15
	KETAMINE (
Ketamine	100	Benzphetamine (+) Chlorpheni-	2
Dextromethorphan	200	ramine	2
Methoxyphenamine	2	Clonidine	10
d-Norpropoxyphene	2	EDDP	5
Promazine	2	4-Hydroxyphen-	5
Promethazine	2	cyclidine Levorphanol	5
Pentazocine	2	MDE	5
Phencyclidine	2	Meperidine	2
Tetrahydrozoline	50	d-Methamphet-	5
· ·		amine I-Methamphet-	
Mephentermine	2	amine	5
(1R, 2S) - (-)-Ephedrine	10	Thioridazine	5
		3,4-Methylendi-	
Disopyramide	2	oxymethampheta-	10
	Oxycodone (mine (MDMA)	
Ovygodona		Hydromorphone	50
Oxycodone Oxymorphone	100 300	Naloxone	50 25
Levorphanol	50	Naltrexone	25
Hydrocodone	25		
	Cotinine (C		
(-)-Cotinine	200	(-)-Nicotine	5
	Cotinine (C		
(-)-Cotinine	100	(-)-Nicotine	2,5
		iphenylpyrrolidine (E	
2-Ethylidene-1,5-dim	ethyl-3,3-diphenylpy	yrrolidine (EDDP)	300
		iphenylpyrrolidine (E	
2-Ethylidene-1,5-dim	etnyı-3,3-diphenyipy Fentanyl (F		100
Alfentanyl	600	Buspirone	15
Fenfluramine	50	Fentanyl	100
Norfentanyl	20	Sufentanyl	50
	Fentanyl (F		
Alfentanyl	300	Buspirone	8
Fenfluramine	25	Fentanyl	50
Norfentanyl	10	Sufentanyl	25
IWU 010 F Dantonsis	Synthetic Mariju		
JWH-018 5-Pentanoic acid	50	JWH-073 4-buta- noic acid	50
JWH-018 4-Hydroxy-	400	JWH-018 5-Hyd-	500
pentyl	400	roxypentyl	500
		. ,,	

Analytes	Concentration (ng/mL)	Analytes	Concentration (ng/ mL)							
JWH-073 4-Hydro- xybuty	500									
	Synthetic Mariju	ıana (K2-30)								
JWH-018 5-Pentanoic acid	30	JWH-073 4-buta- noic acid	30							
JWH-018 4-Hydroxy- pentyl	250	JWH-018 5-Hyd- roxypentyl	300							
JWH-073 4-Hydro- xybuty	300									
6-mono-aceto-morphine (6-MAM)										
Codeine	10	Morphine	10							
Ethylmorphine	200	Norcodeine	200							
Hydrocodone	2	Normorphone	2							
Hydromorphone	100	Oxycodone	1							
Levorphanol	50	Oxymorphone	2							
6-Monoacethylmor- phine	10	Procaine	500							
Morphine 3-β-D- glucuronide	30	Thebaine	200							
(±) 3,	4-Methylenedioxyan	nphetamine (MDA 50	00)							
(±) 3,4-Methylene- dioxy	500	Methoxyphena- mine	6							
amphetamine		D-Amphetamine	1							
D,L-Amphetamine sulfate	300	Phentermine	1							
L-Amphetamine	25	Maprotiline	50							

EFFECT OF URINARY SPECIFIC GRAVITY

Fifteen (15) urine samples of normal, high, and low specific gravity ranges (1.005-1.045) were spiked with drugs at 50% below and 50% above cut-off levels respectively. The Multi-Drug Rapid Test Cup was tested in duplicate using fifteen drug-free urine and spiked urine samples. The results demonstrate that varying ranges of urinary specific gravity do not affect the test results.

EFFECT OF URINARY PH

The pH of an aliquoted negative urine pool was adjusted to a pH range of 5 to 9 in 1 pH unit increments and spiked with drugs at 50 % below and 50 % above cut-off levels. The spiked, pH-adjusted urine was tested with the Multi-Drug Rapid Test Cup. The results demonstrate that varying ranges of pH do not interfere with the performance of the test.

CROSS-REACTIVITY

A study was conducted to determine the cross-reactivity of the test with compounds in either drug-free urine or drug positive urine containing, Amphetamine, Barbiturates, Benzodiazepines, Buprenorphine, Cocaine, Marijuana, Methadone, Methamphetamine, Methylenedioxymethamphetamine, Morphine, Tramadol ,Ketamine ,Phencyclidine, Propoxyphene or Tricyclic Antidepressants, Oxycodone, Cotinine, EDDP, Fentanyl, Synthetic Marijuana, 6-mono-aceto-morphine, 3, 4-Methylenedioxyamphetamine and Ethyl- β -D-Glucuronide. The following compounds show no cross-reactivity when tested with the Multi-Drug Rapid Test Cup at a concentration of 100 $\mu g/mL$.

Non Cross-Reacting Compounds									
Acetophenetidin	Cortisone	Zomepirac	d-Pseudoephe- drine						
N-Acetylprocai- namide	Creatinine	Ketoprofen	Quinidine						
Acetylsalicylic acid	Deoxycorticosterone	Labetalol	Quinine						
Aminopyrine	Dextromethorphan	Loperamide	Salicylic acid						
Amoxicillin	Diclofenac	Meprobamate	Serotonin						
Ampicillin	Diflunisal	Methoxyphena- mine	Sulfamethazine						
I-Ascorbic acid	Digoxin	Methylphenidate	Sulindac						
Apomorphine	Diphenhydramine	Nalidixic acid	Tetracycline						

Non Cross-Reacting Compounds						
Aspartame	Ethyl-p-aminoben- zoate	Naproxen	Tetrahydrocor- tisone			
Atropine	bloidartsE-	Niacinamide	3-acetate			
Benzilic acid	Estrone-3-sulfate	Nifedipine	Tetrahydrocor- tisone			
Benzoic acid	Erythromycin	Norethindrone	Tetrahydrozoline			
Bilirubin	Fenoprofen	Noscapine	Thiamine			
d,I-Bromphenira- mine	Furosemide	d,I-Octopamine	Thioridazine			
Caffeine	Gentisic acid	Oxalic acid	d,I-Tyrosine			
Cannabidiol	Hemoglobin	Oxolinic acid	Tolbutamide			
Chloral hydrate	Hydralazine	Oxymetazoline	Triamterene			
Chloramphenicol	Hydrochlorothiazide	Papaverine	Trifluoperazine			
Chlorothiazide	Hydrocortisone	Penicillin-G	Trimethoprim			
d,I-Chlorphenira- mine	o-Hydroxyhippuric acid	Perphenazine	d,I-Tryptophan			
Chlorpromazine	3-Hydroxytyramine	Phenelzine	Uric acid			
Cholesterol	d,I-Isoproterenol	Prednisone	Verapamil			
Clonidine	Isoxsuprine	d,I-Propanolol				

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Index of symbols					
REF	Article number	X	Temperature limitation		
Ti	Observe operating instructions	LOT	Batch number		
IVD	In-vitro-diagnostic	琞	Expiry date		
	Manufacturer	∇	Content sufficient for <n> tests</n>		
\$G¢	Dangerous substances	2	Single use		
*	Protect from heat and sunlight	<u> </u>	Attention		
*	Protect from moisture				
8	Do not use, if package is damaged				
C€	CE marked according to IVD directive 98/79/EG				

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REF C3 306012	PZN 11138581	10 Teste



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