

One Step Multi-Drug Urine Test Panel

Suitable for the following catalogue number:

W2002-P	W2007-P	W2012-P
W2003-P	W2008-P	W2013-P
W2004-P	W2005-P	W2006-P
W2009-P	W2010-P	W2011-P
W2014-P	W2015-P	W2016-P

Wondfo One Step Multi-Drug Urine Test Panel offers any combination from 2 to 16 drugs of abuse tests for the following drugs: Amphetamine (AMP), Barbiturates (BAR), Barbiturates 200 (BAR200), Benzodiazepines (BZO), Benzodiazepines 100 (BZO100), Cocaine (COC), Marijuana (THC), Marijuana 25 (THC25), Methadone (MTD), Methamphetamine (MET), Methylenedioxymethamphetamine (MDMA), Morphine (MOP), Opiate (OPI 2000), Phencyclidine (PCP), Tricyclic Antidepressants (TCA), Buprenorphine (BUP), Oxycodone (OXY), Ketamine (KET), Propoxyphene (PPX), EDDP, Tramadol (TRA), Synthetic Cannabis (K2), Cotinine (COT), Ethyl Glucuronide (EtG), Amphetamine (AMP500), Cocaine (COC150), Methamphetamine (MET500) and Fentanyl (FTY).

This package insert applies to all combinations of multi-drug tests panel. Therefore, some information on the performance characteristics of the product may not be relevant to your test. We recommend the labels on the packaging and the prints on the test strip to identify which drugs are included in your test.

Wondfo One Step Multi-Drug Urine Test Panel is intended for use by healthcare professionals and as qualitative screening in vitro diagnostic test for detection of drugs of abuse and their principal metabolites in human urine at specified cut off

For in vitro diagnostic use.

INTENDED USE

Wondfo One Step Multi-Drug Urine Test Panel is consisted of individual one-step immunoassays. The test is a lateral flow, one-step immunoassay for the qualitative detection of specific drugs and their metabolites in human urine at the following cut off concentrations:

Test	Calibrator	Cut off (ng/mL)
Amphetamine	Amphetamine	1,000
Amphetamine (AMP500)	Amphetamine	500
Barbiturates	Secobarbital	300
Barbiturates (BAR200)	Secobarbital	200
Benzodiazepines	Oxazepam	300
Benzodiazepines (BZO100)	Oxazepam	100
Cocaine	Benzoylecgonine	300
Cocaine (COC150)	Benzoylecgonine	150
Marijuana	11-nor-Δ9-THC-9-COOH	50
Marijuana (THC25)	11-nor-Δ9-THC-9-COOH	25
Methadone	Methadone	300
Methamphetamine	Methamphetamine	1,000
Methamphetamine (MET500)	Methamphetamine	500
Morphine	Morphine	300
Methylenedioxymetham-	3,4-Methylenedioxymetham-	500
phetamine (MDMA)	phetamine HCI	500
Opiate	Morphine	2000

Test	Calibrator	Cut off (ng/mL)
1121		
Phencyclidine	Phencyclidine	25
Tricyclic Antidepressants	Notriptyline	1,000
Buprenorphine	Buprenorphine	10
Oxycodone	Oxycodone	100
Ketamine	Ketamine	1,000
Propoxyphene	Propoxyphene	300
EDDP	2-ethylidene-1,5-dimethyl-3,	400
	3-diphenylpyrrolidine	100
Tramadol	Tramadol	1000
0 th - t' - 0 h' - (100)	JWH-018 Pentanoic Acid	50
Synthetic Cannabis (K2)	WH-073 Butanoic Acid	25
Cotinine	Cotinine	100
Ethyl Glucuronide (EtG)	Ethyl Glucuronide	500
F. d. I	Fentanyl	200
Fentanyl	Norfentanyl	20

The assay is intended to verify an intoxication in patients. It provides a qualitative, preliminary test result. A more specific alternative 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 results are positive.

PRINCIPLE

Wondfo One Step Multi-Drug Urine Test Panel is a competitive immunoassay that is used to screen the presence of drugs of abuse in urine. It is chromatographic absorbent device in which drugs or drug metabolites in a sample competitively combined to a limited number of antibody-dye conjugate binding sites.

conjugate, and flows across the pre-coated membrane.

intensity, indicates a negative result.

When sample's drug levels are at or above the detection limit of the test, the free drug in the sample binds to the antibody-dye conjugate preventing the antibody-dye conjugate from binding to the drug-protein conjugate immobilized in the Test Region (T) of the device. This prevents the development of a distinct colored band in the test

To serve as a procedure control, a colored line will appear at the Control Region (C),

WARNING AND PRECAUTIONS

- This kit is for external use only. Do not swallow.
- · All specimens should be treated as biohazards.
- Discard after first use. The test cannot be used more than once.
- Do not use the kit if the pouch is punctured or not well sealed.
- . Do not touch the test area of test.
- · Keep out of the reach of children.
- · Do not read after 10 minutes.

STORAGE AND STABILITY

- 1. The test devices should be stored at 4°C~30°C.
- 2. The unopened test devices are stable until the expiration date printed on the package.
- 3. Keep away from direct sunlight, moisture and heat.
- 4. The test device should be used within 1 hour once opened.
- 5. DO NOT FREEZE.

When the absorbent end of the test device is immersed into the urine sample, the urine is absorbed into the device by capillary action, mixes with the antibody-dye

When sample's drug levels are at zero or below the detection limit of the test, antibody-dye conjugate binds to the drug/protein conjugate immobilized in the Test Region (T) of the device. This produces a colored Test line that, regardless of its

region, indicating a potentially positive result.

if the test has been performed properly.

INTERPRATATION OF RESULTS

MATERIAL

Material Provided

Test panel Desiccant pouch

1. Timer

2. Urine cup

1. Individual pouches, each containing:

2. Leaflet with instructions for use

Material Required But Not Provided

3. Use only clear aliquots for testing.

cap and expose the absorbent end.

TEST PROCEDURE

front of the device.

the pouch.

SPECIMEN COLLECTION AND PREPARATION

storage, freeze the samples at -20°C or below.

Test must be in room temperature (18°C to 30°C).

4. Lay the device flat on a clean, dry, non-absorbent surface.

5. Read the result at 5 minutes. Do not read after 10 minutes.

(The desiccant is for storage purposes only, and is not used in the test procedures.)

1. Collect a urine sample in the urine cup. Urine specimens should be refrigerated at

1. Open the sealed pouch by tearing along the notch. Remove the test device from

2. Hold the one side of the device with one hand. Use the other hand to pull out the

3. Immerse the absorbent end into the urine sample at least 10 seconds. Make sure

immerse about 2/3 of absorbent end, but not above the mark line printed on the

2. Bring frozen or refrigerated samples to room temperature before testing.

2°C~8°C and stored up to forty-eight hours if not used immediately. For longer

A rose-pink band is visible in each control region. No color band appears in the appropriate test region. It indicates a positive result for the corresponding drug of that specific test zone.

Do not immerse pass the mark line

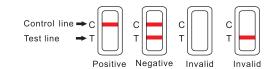
Negative (-)

A rose-pink band is visible in each control region and the appropriate test region. It indicates that the concentration of the corresponding drug of that specific test zone is below zero or the detection limit of the test.

Invalid

If a color band is not visible in each of the control region or a color band is only visible in each of the test region, the test is invalid. Another test should be run to re-evaluate the specimen. Please contact the distributor or the store, where you bought the product, with the lot number.

Note: There is no meaning with line color intensity or width.



QUALITY CONTROL

Though there is an internal procedural control line in the control region of test device, the use of external controls is strongly recommended as good laboratory testing practice to confirm the test procedure and to verify proper test performance. Positive and negative controls should give the expected results. When testing the positive and negative controls, the same assay procedure should be adopted.

LIMITATIONS OF PROCEDURE

- 1. This test procedure, precautions and interpretation of results for this test must be followed when testing.
- 2. This test has been developed for testing urine samples only. The performance of this test using other specimens has not been substantiated.
- 3. Adulterated urine samples may produce erroneous results. Strong oxidizing agents such as bleach (hypochlorite) can oxidize drug analyses. If a sample is suspected of being adulterated, obtain a new sample.
- 4. This test is a qualitative screening assay. It is not designed to determine the quantitative concentration of drugs or the level of intoxication.
- 5. It is possible that technical or procedural errors, as well as other interfering substances in the urine specimen may cause erroneous results.
- 6. 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.
- 7. Test does not distinguish between drugs of abuse and certain medicines.
- 8. A positive result might be caused by certain foods or food supplements. 9. Do not mix reagent of different lots.

PERFORMANCE CHARACTERISTICS

Accuracy

A comparison was conducted using each of the tests and commercially available drug rapid test. 2240 specimens were used in the test. Positive results were confirmed by GC/MS. The results were listed as follows:

% Agreement with commercial kit

Specimen	AMP	BAR	BAR (200)	BZO	BZO (100)	COC	THC
Positive	>99%	97.5%	98.4%	95%	98.8%	100%	95%
Negative	>99%	99%	>99%	100%	98.1%	99%	99%
Total	>99%	98.6%	98.8%	97.9%	98.4%	>99%	97.9%
Specimen	THC (25)	MTD	MET	MDMA	MOP (300)	OPI (2000)	PCP
Positive	97.7%	90%	>99%	95%	97.5%	97.5%	97.9%
Negative	98%	99%	>99%	99%	99%	99%	99%
Total	97.9%	96.4%	>99%	97.9%	98.6%	98.6%	98.6%
Specimen	TCA	BUP	OXY	KET	PPX	EDDP	TRA
Positive	95%	97%	>99%	96%	95%	97.5%	97%
Negative	99%	97%	>99%	99%	100%	99%	97%
Total	97.9%	97%	>99%	97.5%	97.9%	98.6%	97%
Specimen	K2	СОТ	ETG	AMP (500)	COC (150)	MET (500)	FTY
Positive	96%	97%	97%	97%	98%	99%	97%
Negative	96%	97%	97%	98%	98%	98%	97%
Total	96%	97%	97%	97.5%	98%	98.5%	97%

* NOTE: Commercial kit unavailable for comparison testing.

% Agreement with GC/MS

Specimen	AMP	BAR	BAR (200)	BZO	BZO (100)	coc	THC
Positive	94%	92%	97.5%	97%	95%	96%	95%
Negative	99%	98%	95%	97%	95%	99%	96%
Total	97%	95%	96.3%	97%	95%	98%	96%
Specimen	THC (25)	MTD	MET	MDMA	MOP (300)	OPI (2000)	PCP
Positive	95%	95%	99%	97%	98%	99%	91%
Negative	97.5%	99%	99%	99%	98%	99%	99%
Total	96.3%	97%	99%	98%	98%	99%	95%
Specimen	TCA	BUP	OXY	KET	PPX	EDDP	TRA
Positive	95%	90%	92.5%	92.5%	90%	95%	95%
Negative	99%	97.5%	97.5%	95%	97.5%	96%	99%
Total	97%	93.8%	95%	93.8%	93.8%	96%	97%
Specimen	K2	COT	ETG	AMP (500)	COC (150)	MET (500)	FTY
Positive	92%	95%	96%	98%	96%	98%	100%
Negative	96%	95%	96%	99%	98%	97%	97.5%
Total	94%	95%	96%	98.5%	97%	97.5%	98.75%

Analytical Sensitivity

Standard drugs were spiked into urine samples to the concentration of ± 50% cut off and ± 25% cut off. The results were summarized below.

Drug Conc.	n	ΑN	ЛР	В	AR	B/ (20	AR 00)	В	zo		ZO 00)	C	ЭС	TI	НС
(Cut-off range)		-	+	-	+	-	+	-	+	-	+	-	+	-	+
0% Cut-off	30	30	0	30	0	30	0	30	0	30	0	30	0	30	0
-50% Cut-off	30	30	0	30	0	30	0	30	0	30	0	30	0	30	0
-25% Cut-off	30	25	5	26	4	26	4	26	4	25	5	25	5	23	7
Cut-off	30	12	18	10	20	10	20	14	16	5	25	15	15	14	16
+25% Cut-off	30	5	25	8	22	0	30	5	25	2	28	6	24	3	27
+50% Cut-off	30	0	30	0	30	0	30	0	30	0	30	0	30	0	30

Drug Conc.	n		HC (5)	M.	TD	М	ET	MD	MA		OP 00)		PI 00)	PC	ЭP
(Cut-off range)		-	+	-	+	-	+	-	+	-	+	-	+	-	+
0% Cut-off	30	30	0	30	0	30	0	30	0	30	0	30	0	30	0
-50% Cut-off	30	30	0	30	0	30	0	30	0	30	0	30	0	30	0
-25% Cut-off	30	23	7	25	5	25	5	23	7	24	6	25	5	26	4
Cut-off	30	3	27	12	18	13	17	10	20	10	20	14	16	15	15
+25% Cut-off	30	1	29	6	24	5	25	4	26	3	27	5	25	7	23
+50% Cut-off	30	0	30	0	30	0	30	0	30	0	30	0	30	0	30

Drug Conc.	n	тс	CA	Вι	JP	0)	ΧY	KI	ΞΤ	PF	PΧ	ED	DP	TF	RA
(Cut-off range)	"	-	+	-	+	-	+	-	+	-	+	-	+	-	+
0% Cut-off	30	30	0	30	0	30	0	30	0	30	0	30	0	30	0
-50% Cut-off	30	30	0	30	0	30	0	30	0	30	0	30	0	30	0
-25% Cut-off	30	24	6	26	4	26	4	27	3	26	4	23	7	26	4
Cut-off	30	14	16	1	29	3	27	2	28	1	29	12	18	14	16
+25% Cut-off	30	6	24	0	30	0	30	0	30	0	30	2	28	5	25
+50% Cut-off	30	0	30	0	30	0	30	0	30	0	30	0	30	0	30

Drug Conc.	n	K	2	C	ЭТ	Εī	ГG	AN (50	ЛР ()()		OC 50)	(50	ET 00)	F.	ГΥ
(Cut-off range)		-	+	-	+	-	+	-	+	-	+	-	+	-	+
0% Cut-off	30	30	0	30	0	30	0	30	0	30	0	30	0	30	0
-50% Cut-off	30	30	0	30	0	30	0	30	0	30	0	30	0	30	0
-25% Cut-off	30	25	5	25	5	24	6	27	3	28	2	28	2	26	4
Cut-off	30	6	24	12	18	10	20	4	26	5	25	3	27	14	16
+25% Cut-off	30	2	28	6	24	5	25	1	29	3	27	3	27	5	25
+50% Cut-off	30	0	30	0	30	0	30	0	30	0	30	0	30	0	30

Analytical Specificity

To test the specificity of the test, the test device was used to test various drugs, drug metabolites and other components that are likely to be present in urine. All the components were added to drug-free normal human urine. These concentrations (ng/mL) below also represent the limits of detection for the specified drugs or metabolites.

A mark atomina (ARAD)	n a /mal
Amphetamine (AMP)	ng/mL
d-Amphetamine	1,000
d.I-Amphetamine	3,000
I-Amphetamine	50,000
(+/-) 3,4-methylenedioxyamphetamine	5,000
Phentermine	3,000
Barbiturates (BAR)	ng/mL
Secobarbital	300
Amobarbital	300
Alphenol	150
Aprobarbital	200
Butabarbital	75
Butathal	100
Butalbital	2,500
Cyclopentobarbital	600
Pentobarbital	300
Phenobarbital	100
Barbiturates (BAR200)	ng/mL
Secobarbital	200
Amobarbital	200
Alphenol	100
Aprobarbital	150
Butabarbital	50
Butathal	75
Butalbital	1,700
Cyclopentobarbital	400
Pentobarbital	200
Phenobarbital	75

Benzodiazepines (BZO)	ng/mL
Oxazepam	300
Alprazolam	200
a-Hydroxyalprazolam	1,500
Bromazepam	1,500
Chlordiazepoxide	1,500
Clonazepam HCI Clobazam	800 100
Clonazepam	800
Clorazepatri Clorazepate dipotassium	200
Delorazepam	1,500
Desalkylflurazepam	400
Diazepam	200
Estazolam	2,500
Flunitrazepam	400
D,L-Lorazepam	1,500
Midazolam	12,500
Nitrazepam	100
Norchlordiazepoxide	200
Nordiazepam	400
Temazepam	100
Trazolam	2,500
Benzodiazepines (BZO100)	ng/mL
Oxazepam	100
Alprazolam	75
a-Hydroxyalprazolam	500
Bromazepam Chlordiazepoxide	500 500
Clonazepam HCl	300
Clobazam	35
Clonazepam	300
Clorazepate dipotassium	75
Delorazepam	500
Desalkylflurazepam	150
Diazepam	75
Estazolam	800
Flunitrazepam	150
D,L-Lorazepam	500
Midazolam	4200
Nitrazepam	35
Norchlordiazepoxide	75
Nordiazepam	150
Temazepam	35
Trazolam	800
Cocaine (COC) Benzoylecgonine	ng/mL 300
Cocaine HCI	750
Cocaethylene	12,500
Ecgonine	32,000
Marijuana(THC)	ng/mL
11-nor-Δ9-THC-9-COOH	50
11-nor-Δ8-THC-9-COOH	30
11-hydroxy-Δ9-Tetrahydrocannabinol	2,500
Δ8- Tetrahydrocannabinol	7,500
Δ9- Tetrahydrocannabinol	10,000
Cannabinol	10,000
Cannabidiol	100,000
Marijuana (THC25)	ng/mL
11-nor-Δ9-THC-9-COOH	25
11-nor-Δ8-THC-9-COOH	15
11-hydroxy-Δ9-Tetrahydrocannabinol	1,250
Δ8- Tetrahydrocannabinol	3,750
Δ9- Tetrahydrocannabinol	5,000
Cannabinol Cannabidiol	5,000 50,000
Methamphetamine (MET)	50,000 ng/mL
D(+) Methamphetamine	1,000
D-Amphetamine	50,000
Chloroquine	50,000
(+/-) Ephedrine	50,000
(-) Methamphetamine	25,000

(+/-) 3,4-methylenedioxumethamphetamine (MDMA)	2,000
b-Phenylethylamine	50,000
Trimethobenzamide	10,000
Methylenedioxymethamphetamine (MDMA)	ng/mL
3,4-Methylenedioxymethamphetamine HCI (MDMA)	500
3,4-Methylenedioxyamphetamine HCI	3,000
3,4-Methylenedioxyethylamphetamine Morphine (MOP)	ng/mL
Morphine (MOP)	300
Codeine	300
Ethyl Morphine	300
Hydrocodone	5,000
Hydromorphone	5,000
Morphinie-3-b-d-glucuronide	1,000
Thebaine	30,000
Methadone (MTD)	ng/mL
Methadone	300
Doxylamine	50,000
Opiate (OPI)	ng/mL
Morphine	2,000
Codeine Ethylmorphine	2,000 5,000
Hydrocodone	12,500
Hydromorphine	5,000
Levorphanol	75,000
s-Monoacetylmorphine	5,000
Morphine 3-b-D-glucuronide	2,000
Norcodeine	12,500
Normorphone	50,000
Oxycodone	25,000
Oxymorphine	25,000
Procaine	150,000
Thebaine	100,000
Phencyclidine (PCP)	ng/mL
	O.F.
Phencyclidine	25
Phencyclidine 4-Hydroxyphencyclidine	12,500
Phencyclidine 4-Hydroxyphencyclidine Tricyclic Antidepressants (TCA)	12,500 ng/mL
Phencyclidine 4-Hydroxyphencyclidine Tricyclic Antidepressants (TCA) Notriptyline	12,500 ng/mL 1,000
Phencyclidine 4-Hydroxyphencyclidine Tricyclic Antidepressants (TCA)	12,500 ng/mL
Phencyclidine 4-Hydroxyphencyclidine Tricyclic Antidepressants (TCA) Notriptyline Nordoxepine	12,500 ng/mL 1,000 1,000
Phencyclidine 4-Hydroxyphencyclidine Tricyclic Antidepressants (TCA) Notriptyline Nordoxepine Trimipramiine	12,500 ng/mL 1,000 1,000 3,000
Phencyclidine 4-Hydroxyphencyclidine Tricyclic Antidepressants (TCA) Notriptyline Nordoxepine Trimipramiine Amitriptyline	12,500 ng/mL 1,000 1,000 3,000 1,500 1,500 200
Phencyclidine 4-Hydroxyphencyclidine Tricyclic Antidepressants (TCA) Notriptyline Nordoxepine Trimipramiine Amitriptyline Promazine Desipramine Imipramine	12,500 ng/mL 1,000 1,000 3,000 1,500 1,500 200 400
Phencyclidine 4-Hydroxyphencyclidine Tricyclic Antidepressants (TCA) Notriptyline Nordoxepine Trimipramiine Amitriptyline Promazine Desipramine Imipramiine Clomipramine	12,500 ng/mL 1,000 3,000 1,500 1,500 200 400 12,500
Phencyclidine 4-Hydroxyphencyclidine Tricyclic Antidepressants (TCA) Notriptyline Nordoxepine Trimipramiine Amitriptyline Promazine Desipramine Imipramine Clomipramine Doxepine	12,500 ng/mL 1,000 1,000 3,000 1,500 1,500 200 400 12,500 2,000
Phencyclidine 4-Hydroxyphencyclidine Tricyclic Antidepressants (TCA) Notriptyline Nordoxepine Trimipramiine Amitriptyline Promazine Desipramine Imipramine Clomipramine Oxepine Maprotiline	12,500 ng/mL 1,000 1,000 3,000 1,500 1,500 200 400 12,500 2,000 2,000
Phencyclidine 4-Hydroxyphencyclidine Tricyclic Antidepressants (TCA) Notriptyline Nordoxepine Trimipramiine Amitriptyline Promazine Desipramine Imipramine Clomipramine Doxepine Maprotiline Promethazine	12,500 ng/mL 1,000 1,000 3,000 1,500 200 400 12,500 2,000 2,000 25,000
Phencyclidine 4-Hydroxyphencyclidine Tricyclic Antidepressants (TCA) Notriptyline Nordoxepine Trimipramiine Amitriptyline Promazine Desipramine Imipramine Clomipramine Clomipramine Doxepine Maprotiline Promethazine Eketamine (KET)	12,500 ng/mL 1,000 1,000 3,000 1,500 1,500 200 400 12,500 2,000 2,000 25,000 ng/mL
Phencyclidine 4-Hydroxyphencyclidine Tricyclic Antidepressants (TCA) Notriptyline Nordoxepine Trimipramiine Amitriptyline Promazine Desipramine Imipramiine Clomipramine Clomipramine Doxepine Maprotlline Promethazine Ketamine (KET) Ketamine	12,500 ng/mL 1,000 1,000 3,000 1,500 1,500 200 400 12,500 2,000 2,000 25,000 ng/mL 1,000
Phencyclidine 4-Hydroxyphencyclidine Tricyclic Antidepressants (TCA) Notriptyline Nordoxepine Trimipramiine Amitriptyline Promazine Desipramine Imipramine Clomipramine Clomipramine Doxepine Maprotiline Promethazine Eketamine (KET)	12,500 ng/mL 1,000 1,000 3,000 1,500 1,500 200 400 12,500 2,000 2,000 25,000 ng/mL 1,000 50,000
Phencyclidine 4-Hydroxyphencyclidine Tricyclic Antidepressants (TCA) Notriptyline Nordoxepine Trimipramiine Amitriptyline Promazine Desipramine Imipramine Clomipramine Clomipramine Doxepine Maprotiline Promethazine Ketamine (KET) Ketamine Methadone Pethidine	12,500 ng/mL 1,000 1,000 3,000 1,500 1,500 200 400 12,500 2,000 2,000 25,000 ng/mL 1,000
Phencyclidine 4-Hydroxyphencyclidine Tricyclic Antidepressants (TCA) Notriptyline Nordoxepine Trimipramiine Amitriptyline Promazine Desipramine Imipramine Clomipramine Clomipramine Maprotiline Promethazine Methadone	12,500 ng/mL 1,000 1,000 3,000 1,500 200 400 12,500 2,000 25,000 ng/mL 1,000 50,000 12,500
Phencyclidine 4-Hydroxyphencyclidine Tricyclic Antidepressants (TCA) Notriptyline Nordoxepine Trimipramiine Amitriptyline Promazine Desipramine Imipramine Clomipramine Clomipramine Doxepine Maprotiline Promethazine Ketamine (KET) Ketamine Methylamphetamine	12,500 ng/mL 1,000 1,000 3,000 1,500 1,500 200 400 12,500 2,000 2,000 25,000 ng/mL 1,000 50,000 12,5500 12,500
Phencyclidine 4-Hydroxyphencyclidine Tricyclic Antidepressants (TCA) Notriptyline Nordoxepine Trimipramiine Amitriptyline Promazine Desipramine Imipramine Clomipramine Oxepine Maprotiline Promethazine Ketamine (KET) Ketamine Methadone Pethidine Methylamphetamine Methoxyphenamine Methoxyphenamine Promethazine Methoxyphenamine Methoxyphenamine Promethazine Methoxyphenamine Phencyclidine	12,500 ng/mL 1,000 1,000 3,000 1,500 1,500 200 400 12,500 2,000 2,000 25,000 ng/mL 1,000 50,000 12,500 12,500 12,500 12,500
Phencyclidine 4-Hydroxyphencyclidine Tricyclic Antidepressants (TCA) Notriptyline Nordoxepine Trimipramine Amitriptyline Promazine Desipramine Imipramine Clomipramine Doxepine Maprotiline Promethazine Ketamine (KET) Ketamine Methydandene Methydamphetamine Methylamphetamine Methylamphetamine Premethazine Premethazine Methylamphetamine Methylamphetamine Methoxyphenamine Premethazine Premethazine Methoxyphenamine Premethazine Phencyclidine Buprenorphine (BUP)	12,500 ng/mL 1,000 1,000 3,000 1,500 1,500 200 400 12,500 2,000 2,000 25,000 ng/mL 1,000 12,5500 12,500 12,500 12,500 12,500 12,500 ng/mL
Phencyclidine 4-Hydroxyphencyclidine Tricyclic Antidepressants (TCA) Notriptyline Nordoxepine Trimipramiine Amitriptyline Promazine Desipramine Imipramine Clomipramine Clomipramine Doxepine Maprotiline Promethazine Ketamine (KET) Ketamine Methadone Pethidine Methylamphetamine Methoxyphenamine Promethazine Phencyclidine Buprenorphine (BUP) Buprenorphine	12,500 ng/mL 1,000 1,000 3,000 1,500 1,500 200 400 12,500 2,000 25,000 ng/mL 1,000 50,000 12,500 12,500 12,500 12,500 12,500 12,500 12,500 12,500 12,500 12,500 12,500 12,500 12,500 12,500 12,500 12,500 12,500 12,500 12,500
Phencyclidine 4-Hydroxyphencyclidine Tricyclic Antidepressants (TCA) Notriptyline Nordoxepine Trimipramiine Amitriptyline Promazine Desipramine Imipramine Clomipramine Clomipramine Maprotiline Promethazine Ketamine (KET) Ketamine Methadone Pethidine Methylamphetamine Methylamphetamine Methoxyphenamine Promethazine Promethazine Methoxyphenamine Pethidine Methoxyphenamine Promethazine Phencyclidine Buprenorphine (BUP) Buprenorphine Buprenorphine Buprenorphine Buprenorphine Buprenorphine	12,500 ng/mL 1,000 1,000 3,000 1,500 1,500 200 400 12,500 2,000 2,000 25,000 ng/mL 1,000 50,000 12,500 12,500 12,500 25,000 25,000 12,500 12,500 12,500 12,500 12,500 12,500 12,500 12,500 12,500 12,500 12,500 12,500 12,500
Phencyclidine 4-Hydroxyphencyclidine Tricyclic Antidepressants (TCA) Notriptyline Nordoxepine Trimipramiine Amitriptyline Promazine Desipramine Imipramine Clomipramine Doxepine Maprotiline Promethazine Ketamine (KET) Ketamine Methadone Pethidine Methylamphetamine Methoxyphenamine Promethazine Methoxyphenamine Peromethazine Methoxyphenamine Peromethazine Methoxyphenamine Methoxyphenamine Promethazine Phencyclidine Buprenorphine (BUP) Buprenorphine Buprenorphine Buprenorphine Norbuprenorphine	12,500 ng/mL 1,000 1,000 3,000 1,500 200 400 12,500 2,000 25,000 12,500 12,500 12,500 12,500 12,500 12,500 12,500 12,500 12,500 12,500 12,500 12,500 15,500 15,500 15,500 15,500 15,500 15,500 15,500 15,500 15,500
Phencyclidine 4-Hydroxyphencyclidine Tricyclic Antidepressants (TCA) Notriptyline Nordoxepine Trimipramiine Amitriptyline Promazine Desipramine Imipramine Clomipramine Clomipramine Doxepine Maprotiline Promethazine Ketamine (KET) Ketamine Methadone Pethidine Methylamphetamine Methoxyphenamine Promethazine Methoxyphenamine Pernethazine Methoxyphenamine Methoxyphenamine Methoxyphenamine Phencyclidine Buprenorphine (BUP) Buprenorphine 3-D-Glucuronide Norbuprenorphine	12,500 ng/mL 1,000 3,000 1,500 1,500 200 400 12,500 2,000 25,000 ng/mL 1,000 12,500 12,500 12,500 12,500 12,500 12,500 12,500 12,500 12,500 12,500 12,500 12,500 25,000
Phencyclidine 4-Hydroxyphencyclidine Tricyclic Antidepressants (TCA) Notriptyline Nordoxepine Trimipramiine Amitriptyline Promazine Desipramine Imipramine Clomipramine Clomipramine Doxepine Maprotiline Promethazine Ketamine (KET) Ketamine Methodone Pethidine Methylamphetamine Methoxyphenamine Promethazine Premethazine Methoxyphenamine Methoxyphenamine Promethazine Methoxyphenamine Methoxyphenamine Methoxyphenamine Premethazine Norbuprenorphine (BUP) Buprenorphine 3-D-Glucuronide Oxycodone (OXY)	12,500 ng/mL 1,000 1,000 3,000 1,500 1,500 200 400 12,500 2,000 25,000 ng/mL 1,000 12,500
Phencyclidine 4-Hydroxyphencyclidine Tricyclic Antidepressants (TCA) Notriptyline Nordoxepine Trimipramiine Amitriptyline Promazine Desipramine Imipramine Clomipramine Octomipramine Maprotiline Promethazine Ketamine (KET) Ketamine Methadone Pethidine Methylamphetamine Methylamphetamine Methoxyphenamine Promethazine Promethazine Methylamphetamine Methoxyphenamine Promethazine Promethazine Promethazine Nethylamphetamine Methoxyphenamine Promethazine Phencyclidine Buprenorphine (BUP) Buprenorphine Buprenorphine Buprenorphine Norbuprenorphine	12,500 ng/mL 1,000 1,000 3,000 1,500 1,500 200 400 12,500 2,000 25,000 ng/mL 1,000 50,000 12,500
Phencyclidine 4-Hydroxyphencyclidine Tricyclic Antidepressants (TCA) Notriptyline Nordoxepine Trimipramiine Amitriptyline Promazine Desipramine Imipramine Clomipramine Oxepine Maprotiline Promethazine Ketamine (KET) Ketamine Methadone Pethidine Methylamphetamine Methoxyphenamine Promethazine Promethazine Metnoxyphenamine Metnoxyphenamine Promethazine Phencyclidine Buprenorphine (BUP) Buprenorphine Buprenorphine Norbuprenorphine 3-D-Glucuronide Oxycodone Dihydrocodeine	12,500 ng/mL 1,000 1,000 3,000 1,500 200 400 12,500 2,000 25,000 25,000 12,500 12,500 12,500 12,500 12,500 12,500 12,500 12,500 12,500 12,500 12,500 25,000
Phencyclidine 4-Hydroxyphencyclidine Tricyclic Antidepressants (TCA) Notriptyline Nordoxepine Trimipramiine Amitriptyline Promazine Desipramine Imipramine Clomipramine Oxepine Maprotiline Promethazine Ketamine (KET) Ketamine (KET) Ketamine Methadone Pethidine Methylamphetamine Methoxyphenamine Promethazine Metnocyclidine Buprenorphine (BUP) Buprenorphine 3-D-Glucuronide Norbuyrenorphine 3-D-Glucuronide Oxycodone Oxycodone Dihydrocodeine Codeine	12,500 ng/mL 1,000 1,000 3,000 1,500 1,500 200 400 12,500 2,000 25,000 ng/mL 1,000 50,000 12,500
Phencyclidine 4-Hydroxyphencyclidine Tricyclic Antidepressants (TCA) Notriptyline Nordoxepine Trimipramiine Amitriptyline Promazine Desipramine Imipramine Clomipramine Oxepine Maprotiline Promethazine Ketamine (KET) Ketamine Methadone Pethidine Methylamphetamine Methoxyphenamine Promethazine Promethazine Metnoxyphenamine Metnoxyphenamine Promethazine Phencyclidine Buprenorphine (BUP) Buprenorphine Buprenorphine Norbuprenorphine 3-D-Glucuronide Oxycodone Dihydrocodeine	12,500 ng/mL 1,000 3,000 1,500 1,500 200 400 12,500 2,000 25,000 ng/mL 1,000 12,500
Phencyclidine 4-Hydroxyphencyclidine Tricyclic Antidepressants (TCA) Notriptyline Nordoxepine Trimipramiine Amitriptyline Promazine Desipramine Imipramine Clomipramine Clomipramine Doxepine Maprotiline Promethazine Ketamine (KET) Ketamine (KET) Ketamine Methoxyphenamine Pethidine Methylamphetamine Methoxyphenamine Promethazine Metprotidine Methoxyphenamine Promethazine Methoxyphenamine Promethazine Methoxyphenamine Promethazine Methoxyphenamine Promethazine Norbuprenorphine 3-D-Glucuronide Norbuprenorphine 3-D-Glucuronide Oxycodone Dihydrocodeine Codeine Hydromorphone	12,500 ng/mL 1,000 1,000 1,500 1,500 200 400 12,500 2,000 2,000 25,000 ng/mL 1,000 12,550 12,500 12,500 12,500 12,500 12,500 12,500 12,500 12,500 ng/mL 10 15 20 20 ng/mL 100 20,000 100,000
Phencyclidine 4-Hydroxyphencyclidine Tricyclic Antidepressants (TCA) Notriptyline Nordoxepine Trimipramiine Amitriptyline Promazine Desipramine Imipramine Clomipramine Octomipramine Maprotiline Promethazine Ketamine (KET) Ketamine Methadone Pethidine Methylamphetamine Methylamphetamine Promethazine Promethazine Methylamphetamine Methoxyphenamine Promethazine Promethazine Promethazine Norbuprenorphine Norbuprenorphine Suprenorphine Suprenorphine Suprenorphine Oxycodone Norbuprenorphine	12,500 ng/mL 1,000 1,000 1,500 1,500 1,500 200 400 12,500 2,000 2,000 25,000 ng/mL 1,000 50,000 12,500 12,500 12,500 12,500 12,500 12,500 12,500 12,500 12,500 12,500 12,500 12,500 12,500 12,500 25,000 12,500 10,000 100,000

Propoxyphene (PPX)	ng/mL
d-Propoxyphene	300
d-Norpropoxyphene	300
Tramadol	ng/mL
Tramadol	1,000
(+/-) Chlorpheniramine	500,000
Dipehnhydramine	250,000
Pheniramine	>500,000
PCM	>250,000
EDDP	ng/mL
2-Ethylidene -1,5-Dimethyl-3,3-Diphenylpyrrolidine	100
Methadone	100,000
EMDP	100,000
Synthetic Cannabis (K2)	ng/mL
JWH-018 Pentanoic Acid	50
JWH-073 Butanoic Acid	25
JWH-018 N-4-hydroxypentyl	2,000
	<u> </u>
JWH-018 (Spice Cannabinoid)	1,000
JWH-018 4-Hydroxypentyl metabolite-D5 (indole-D5)	1,000
JWH-073 (Spice Cannabinoid)	2,000
JWH-073 3-Hydroxybutyl metabolite	1,000
JWH-073 3-Hydroxybutyl metabolite-D5 (indole-D5)	1,000
JWH-019 6-hydroxypentyl	1,000
JWH-122 N-4-hydroxypentyl	2,000
JWH-210 5-Hydroxypentyl metabolite	5,000
AM2201 4-Hydroxypentyl metabolite	1,000
JWH-073 3-Hydroxybutyl metabolite	1,000
Cotinine (COT)	ng/mL
	ng/mL 100
Cotinine (COT)	
Cotinine (COT) Cotinine	100
Cotinine (COT) Cotinine Ethyl Glucuronide (EtG)	100 ng/mL
Cotinine (COT) Cotinine Ethyl Glucuronide (EtG) Ethyl Glucuronide	100 ng/mL 500
Cotinine (COT) Cotinine Ethyl Glucuronide (EtG) Ethyl Glucuronide Amphetamine (AMP500)	100 ng/mL 500 ng/mL
Cotinine (COT) Cotinine Ethyl Glucuronide (EtG) Ethyl Glucuronide Amphetamine (AMP500) d-Amphetamine	100 ng/mL 500 ng/mL 500 25,000
Cotinine (COT) Cotinine Ethyl Glucuronide (EtG) Ethyl Glucuronide Amphetamine (AMP500) d-Amphetamine I-Amphetamine	100 ng/mL 500 ng/mL 500
Cotinine (COT) Cotinine Ethyl Glucuronide (EtG) Ethyl Glucuronide Amphetamine (AMP500) d-Amphetamine I-Amphetamine dl-Amphetamine	100 ng/mL 500 ng/mL 500 25,000 1,500 2,500
Cotinine (COT) Cotinine Ethyl Glucuronide (EtG) Ethyl Glucuronide Amphetamine (AMP500) d-Amphetamine I-Amphetamine dl-Amphetamine (I-/-) 3,4-methylenedioxyamphetamine (MDA) Phentermine	100 ng/mL 500 ng/mL 500 25,000 1,500 2,500 1,500
Cotinine (COT) Cotinine Ethyl Glucuronide (EtG) Ethyl Glucuronide Amphetamine (AMP500) d-Amphetamine I-Amphetamine dl-Amphetamine (+/-) 3,4-methylenedioxyamphetamine (MDA) Phentermine Cocaine (150)	100 ng/mL 500 ng/mL 500 25,000 1,500 2,500 1,500 ng/mL
Cotinine (COT) Cotinine Ethyl Glucuronide (EtG) Ethyl Glucuronide Amphetamine (AMP500) d-Amphetamine I-Amphetamine dI-Amphetamine (+/-) 3,4-methylenedioxyamphetamine (MDA) Phentermine Cocaine (150) Benzoylecgonine	100 ng/mL 500 ng/mL 500 25,000 1,500 2,500 1,500 ng/mL 1500
Cotinine (COT) Cotinine Ethyl Glucuronide (EtG) Ethyl Glucuronide Amphetamine (AMP500) d-Amphetamine I-Amphetamine (H-Amphetamine (+/-) 3,4-methylenedioxyamphetamine (MDA) Phentermine Cocaine (150) Benzoylecgonine Cocaine HCI	100 ng/mL 500 ng/mL 500 25,000 1,500 2,500 1,500 ng/mL 150 375
Cotinine (COT) Cotinine Ethyl Glucuronide (EtG) Ethyl Glucuronide Amphetamine (AMP500) d-Amphetamine I-Amphetamine (#/-) 3,4-methylenedioxyamphetamine (MDA) Phentermine Cocaine (150) Benzoylecgonine Cocaie HCI Cocaethylene	100 ng/mL 500 25,000 1,500 2,500 1,5
Cotinine (COT) Cotinine Ethyl Glucuronide (EtG) Ethyl Glucuronide Amphetamine (AMP500) d-Amphetamine I-Amphetamine dl-Amphetamine dl-Amphetamine (r/-) 3,4-methylenedioxyamphetamine (MDA) Phentermine Cocaine (150) Benzoylecgonine Cocaine HCI Cocaetylene Ecgonine	100 ng/mL 500 25,000 1,500 2,500 1,500 ng/mL 150 ng/mL 150 1,500 ng/mL 150 1,500 1,5
Cotinine (COT) Cotinine Ethyl Glucuronide (EtG) Ethyl Glucuronide Amphetamine (AMP500) d-Amphetamine I-Amphetamine dl-Amphetamine dl-Amphetamine (+/-) 3,4-methylenedioxyamphetamine (MDA) Phentermine Cocaine (150) Benzoylecgonine Cocaine HCl Cocaethylene Ecgonine Methamphetamine (500)	100 ng/mL 500 25,000 1,500 2,500 1,500 ng/mL 150 ng/mL 150 375 6,250 16,000 ng/mL
Cotinine (COT) Cotinine Ethyl Glucuronide (EtG) Ethyl Glucuronide Amphetamine (AMP500) d-Amphetamine I-Amphetamine I-Amphetamine (+/-) 3,4-methylenedioxyamphetamine (MDA) Phentermine Cocaine (150) Benzoylecgonine Cocaine HCI Cocaethylene Ecgonine Methamphetamine (500) D(+) Methamphetamine	100 ng/mL 500 25,000 1,500 2,500 1,500 1,500 1,500 375 6,250 16,000 ng/mL 500
Cotinine (COT) Cotinine Ethyl Glucuronide (EtG) Ethyl Glucuronide Amphetamine (AMP500) d-Amphetamine I-Amphetamine (+/-) 3,4-methylenedioxyamphetamine (MDA) Phentermine Cocaine (150) Benzoylecgonine Cocaie HCI Cocaethylene Ecgonine Methamphetamine (500) D(+) Methamphetamine D-Amphetamine	100 ng/mL 500 25,000 1,500 2,500 1,500
Cotinine (COT) Cotinine Ethyl Glucuronide (EtG) Ethyl Glucuronide Amphetamine (AMP500) d-Amphetamine I-Amphetamine (+/-) 3,4-methylenedioxyamphetamine (MDA) Phentermine Cocaine (150) Benzoylecgonine Cocaine HCl Cocaethylene Ecgonine Methamphetamine (500) D(+) Methamphetamine D-Amphetamine Chloroquine	100 ng/mL 500 25,000 1,500 2,500 1,500 ng/mL 150 375 6,250 16,000 ng/mL 500 2,5000 1,000
Cotinine (COT) Cotinine Ethyl Glucuronide (EtG) Ethyl Glucuronide Amphetamine (AMP500) d-Amphetamine I-Amphetamine dl-Amphetamine dl-Amphetamine (*/-) 3,4-methylenedioxyamphetamine (MDA) Phentermine Cocaine (150) Benzoylecgonine Cocaine HCI Cocaethylene Ecgonine Methamphetamine (500) D(+) Methamphetamine D-Amphetamine Chloroquine (+/-) Ephedrine	100 ng/mL 500 25,000 1,500 ng/mL 150 ng/mL 150 ng/mL 150 ng/mL 150 ng/mL 150 375 6,250 16,000 ng/mL 500 25,000 25,000 25,000
Cotinine (COT) Cotinine Ethyl Glucuronide (EtG) Ethyl Glucuronide Amphetamine (AMP500) d-Amphetamine I-Amphetamine I-Amphetamine (+/-) 3,4-methylenedioxyamphetamine (MDA) Phentermine Cocaine (150) Benzoylecgonine Cocaine HCl Cocaethylene Ecgonine Methamphetamine (500) D(+) Methamphetamine D-Amphetamine Chloroquine (+/-) Ephedrine L-Methamphetamine	100 ng/mL 500 25,000 1,500 2,500 1,500 1,500 1,500 1,500 1,500 1,500 1,500 1,500 1,500 1,500 1,500 1,500 1,500 1,500 1,500 1,000 1,000 1,000 1,000
Cotinine (COT) Cotinine Ethyl Glucuronide (EtG) Ethyl Glucuronide Amphetamine (AMP500) d-Amphetamine I-Amphetamine (+/-) 3,4-methylenedioxyamphetamine (MDA) Phentermine Cocaine (150) Benzoylecgonine Cocaie HCI Cocaethylene Ecgonine Methamphetamine (500) D(+) Methamphetamine D-Amphetamine Chloroquine (+/-) Ephedrine L-Methamphetamine (+/-) 3,4-methylenedioxumethamphetamine (MDMA)	100 ng/mL 500 25,000 1,500 1,500 1,500 1,500 1,500 1,500 1,500 1,500 1,500 1,500 1,500 1,000 1,000 1,000 1,000 1,000
Cotinine (COT) Cotinine Ethyl Glucuronide (EtG) Ethyl Glucuronide (AMP500) d-Amphetamine (AMP500) d-Amphetamine l-Amphetamine (+/-) 3,4-methylenedioxyamphetamine (MDA) Phentermine Cocaine (150) Benzoylecgonine Cocaine HCI Cocaethylene Ecgonine Methamphetamine (500) D(+) Methamphetamine D-Amphetamine Chloroquine (+/-) 3,4-methylenedioxumethamphetamine (MDMA)	100 ng/mL 500 25,000 1,500 2,500 1,500
Cotinine (COT) Cotinine Ethyl Glucuronide (EtG) Ethyl Glucuronide Amphetamine (AMP500) d-Amphetamine I-Amphetamine dl-Amphetamine (r/-) 3,4-methylenedioxyamphetamine (MDA) Phentermine Cocaine (150) Benzoylecgonine Cocaine HCI Cocaethylene Ecgonine Methamphetamine (500) D(+) Methamphetamine D-Amphetamine Chloroquine (r/-) Ephedrine L-Methamphetamine L-Methamphetamine L-Methamphetamine L-Methamphetamine (r/-) 3,4-methylenedioxumethamphetamine (MDMA) B-Phenylethylamine Trimethobenzamide	100 ng/mL 500 25,000 1,500 2,500 1,500 ng/mL 150 ng/mL 150 375 6,250 16,000 ng/mL 500 25,000 10,000 25,000 10,000 25,000 10,000 25,000 5,000
Cotinine (COT) Cotinine Ethyl Glucuronide (EtG) Ethyl Glucuronide Amphetamine (AMP500) d-Amphetamine I-Amphetamine I-Amphetamine (+/-) 3,4-methylenedioxyamphetamine (MDA) Phentermine Cocaine (150) Benzoylecgonine Cocaine HCI Cocaethylene Ecgonine Methamphetamine (500) D(+) Methamphetamine Chloroquine (+/-) Ephedrine L-Methamphetamine (+/-) Ephedrine L-Methamphetamine (+/-) 3,4-methylenedioxumethamphetamine (MDMA) β-Phenylethylamine Trimethobenzamide Fentanyl (FTY)	100 ng/mL 500 25,000 1,500 2,500 1,500 ng/mL 150 375 6,250 16,000 ng/mL 500 25,000 10,000 25,000 10,000 25,000 10,
Cotinine (COT) Cotinine Ethyl Glucuronide (EtG) Ethyl Glucuronide Amphetamine (AMP500) d-Amphetamine I-Amphetamine (+/-) 3,4-methylenedioxyamphetamine (MDA) Phentermine Cocaine (150) Benzoylecgonine Cocaethylene Ecgonine Methamphetamine (500) D(+) Methamphetamine D-Amphetamine (+/-) Ephedrine L-Methamphetamine (+/-) 3,4-methylenedioxumethamphetamine (MDA) B-Phenylethylamine Trimethobenzamide Fentanyl (FTY) Norfentanyl	100 ng/mL 500 25,000 1,500 1,500 1,500 1,500 1,500 1,500 1,500 1,500 1,500 1,000 1,000 25,000 10,000 1,000 25,000 10,000 1,000 25,000 10,000 1,000 25,000 10,000 25,000
Cotinine (COT) Cotinine Ethyl Glucuronide (EtG) Ethyl Glucuronide Amphetamine (AMP500) d-Amphetamine I-Amphetamine (+/-) 3,4-methylenedioxyamphetamine (MDA) Phentermine Cocaine (150) Benzoylecgonine Cocaine HCl Cocaethylene Ecgonine Methamphetamine (500) D(+) Methamphetamine D-Amphetamine Chloroquine (+/-) 3,4-methylenedioxumethamphetamine D-Amphetamine D-Amphetamine T-Amphetamine Chloroquine (+/-) 3,4-methylenedioxumethamphetamine (MDMA) β-Phenylethylamine Trimethobenzamide Fentanyl (FTY) Norfentanyl Fentanyl	100 ng/mL 500 25,000 1,500 1,500 1,500 1,500 1,500 1,500 1,500 1,500 1,500 1,500 1,500 1,500 1,500 1,500 1,500 1,500 1,500 1,500 10,000 10,000 25,000 10,000 25,000 10,000 10,000 25,000 10,000 25,000 10,000 25,000 10,000 25,000 10,000 25,000 10,000 25,000 10,000 25,000 10,000 25,000 10,000 25,000 10,000 25,000 10,000 25,000 10,000 25,000 10,000 25,000 25,000 10,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000
Cotinine (COT) Cotinine Ethyl Glucuronide (EtG) Ethyl Glucuronide Amphetamine (AMP500) d-Amphetamine I-Amphetamine (+/-) 3,4-methylenedioxyamphetamine (MDA) Phentermine Cocaine (150) Benzoylecgonine Cocaethylene Ecgonine Methamphetamine (500) D(+) Methamphetamine D-Amphetamine (+/-) Ephedrine L-Methamphetamine (+/-) 3,4-methylenedioxumethamphetamine (MDA) B-Phenylethylamine Trimethobenzamide Fentanyl (FTY) Norfentanyl	100 ng/mL 500 25,000 1,500 1,500 1,500 1,500 1,500 1,500 1,500 1,500 1,500 1,000 1,000 25,000 10,000 1,000 25,000 10,000 1,000 25,000 10,000 1,000 25,000 10,000 25,000

Cross-Reactivity

Considering the complexity of clinical urine specimens and the possibility that various urine specimens contain potentially interfering substances, we simulated above situations by adding the potentially interfering substances to a certain concentration as specimen. The following components show no cross-reactivity when tested with Wondfo One Step Multi-Drug Urine Test Panel at a concentration of 100 µg/mL.

Non Crossing-Reacting Compounds

Acetaminophen	Epinephrine HCI	Mifepristone
Acyclovir	Esomeprazole	Montelukast
Afrin	Estroven	Mosapride Citrate
Aleve	Fenofibrate	Narcotine
Amiodarone HCI	Fluvoxamine	Nifedipine
Amlodipine Mesylate	Fuel	Nikethamide
Amoxicillin	Gabapentin	Nimodipine
Ampici ll in	Glibenclamide	Omeprazole
Aripiprazole	Gliclazide	Papaverine
Aspirin	Glipizide	Penfluridol
Atorvastatin	Glucosamine Chondroitin	Penicillin V Potassium
Atropine	Glucose	Pioglitazone HCI
Caffeine	Haloperidol	Piracetam
Captopril	Heartburn Relief	Pravastatin sodium
Carbamazepine	Hydrochlorothiazide	Propylthiouracil
Cefaclor	I Caps	Rifampicin
Cefradine	Isosorbide dinitrate	Sildenafil citrate
Cephalexin	Ketoconazole	Simvastatin
Ciprofloxacin	Levofloxacin	Spironolactone
Clarithromycin	Levonorgestrel	Tetracycline
Clopidogrel bisulfate	Levothyroxine sodium	Trazodone HCI
Clozapine	Lidocaine HCI	Triamterene
Cortisone	Lisinopril	Vitamin B1
CVS	Lithium carbonate	Vitamin B2
Dextromethorphan HBr	Loratadine	Vitamin C
Diclofenac sodium	Magnesium	Zencore Plus2
Domperidone	Mega-T Plus	
Enalapril maleate	Metoprolol tartrate	

From the results above, it is clear that Wondfo One Step Multi-Drug Urine Test Panel resists well against interference from these substances.

BIBLIGRAPHY OF SUGGESTED READING

- Baselt, R.C. Disposition of Toxic Drugs and Chemicals in Man. Biomedical Publications, Davis, CA. 1982.
- Ellenhorn, M.J. and Barceloux, D. G Medical Toxicology. Elservier Science Publishing Company, Inc., New York. 1988
- Gilman, A. G., and Goodman, L. S. The Pharmacological Fluids, in Martin WR (ed.): Drug Addiction I, New York, Spring – Verlag. 1977.
- 4. Harvey, R.A., Champe, P.C. Lippincotts Illustrated Reviews. Pharmacology. 91-95, 1992.
- Hawwis RL, CN Chiang. Urine Testing for drugs of Abuse. National Institute for Drug Abuse (NIDA), Research Monography 73, 1986
- Hofmann F.E., A Handbook on Drug and Alcohol Abuse: The Biomedical Aspects, New York, Oxford University Press. 1983.
- McBay, A. J. Dr7. ug-analysis technology-pitfalls and problems of drug testing. Clin. Chem. 33,33B-40B, 1987.

INDEX OF SYMBOLS

IVD In Vitro Diagnostic Use	See Instruction for Use	Expiry Date	Tests per Kit	Manufacturing Date
Keep Dry	LOT Batch Number	Authorized Representative	Keep away from Sunlight	Manufacturer
Store between 4~30 °C	Do not reuse	REF Catalog #	1	





	物料编码: 13002718 项目名称	国际定性毒品尿液多联卡试剂说	明书(460x210mm)[国际英文
ll∕ondfo® <i>Fi≆</i>	尺寸(长*宽*高): 130x65mm	颜色: ■ C100M40 ■ K20	材质: 80g铜纸	工艺: /
,,,,	折页方式: 风琴四折五页(标志超上)	修改内容: ♂文字□颜色□尺寸□工	艺□材质□其他□无	
	改稿前编码: 02.032.000.0115	申请人: 熊思佑	设计师: 杨晓洁	设计时间: 2021.03.18