



T-Dip® Multi-Drug Urine Test: Panel are competitive binding, lateral flow immunochromatographic assays for qualitative and simultaneous detection of Amphetamine, Secobarbital, Buprenorphine, Oxazepam, Cocaine, 2-ethylidene-1,5-dimethyl-3,3-diphenylpyrrolidine (EDDP), Methylenedioxymethamphetamine, Methamphetamine, Morphine, Methadone, Oxycodone, Phencyclidine, Propoxyphene, Nortriptyline and Cannabinoids in human urine with below cutoff concentrations and approximate detection time:

T-Dip® Multi-Drug Urine Test Panel offers any combinations from 2 to 15 drugs of abuse tests but only one cutoff concentration under same drug condition will be included per device. It is intended for over-the-counter and for prescription use. For *in vitro* diagnostic use.

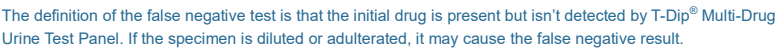
The tests provide only preliminary results. To obtain a confirmed analytical result, a more specific alternate chemical method must be used. Chromatography/Mass Spectrometry (GC/MS) or Liquid Chromatography/Tandem Mass Spectrometry (LC/MS-MS) is the recommended confirmatory method.

1. This test kit is for external use only. Do not swallow.
2. Discard after first use. The test kit cannot be used more than once.
3. Do not use the test kit beyond expiry date.
4. Do not use the test kit if the pouch is punctured or not well sealed.
5. Keep out of the reach of children.
6. Read the drug test result at 5 minutes. Do not read the result after 30 minutes.

1. 25 test devices, each in one pouch with one desiccant. The desiccants are for storage purposes only and are not used in the test procedure.
2. One (1) Package Insert
3. One (1) Adulteration Color Comparison Chart (If equipped).

- Store between 4 °C - 30 °C (39 °F - 86 °F) in the sealed pouch up to the expiration date
- Keep away from direct sunlight, moisture and heat.
- DO NOT FREEZE.

1. Open the sealed pouch by tearing along the notch. Remove the test device from the pouch.
2. Hold one side of the device with one hand. Use the other hand to pull out the cap and expose the absorbent end.
3. Immerse the absorbent end into the urine sample for approximately 10 seconds. Make sure that the urine level is not above the Mark Line printed on the front of the device.
4. Re-cap the device and lay it flat on a clean, dry, non-absorbent surface.
5. For the adulteration strip(s) if equipped, read results immediately, or at 30 seconds, or at 45 seconds and compare each adulterant pad to verify pad color is within acceptable range according to the Adulteration Color Comparison Chart. If the results indicate adulteration, do not read the drug test results. Obtain a new urine specimen again with new collection cup, and test again with new test device.
6. For the drug tests, read the drug test results at 5 minutes. **Do not read after 30 minutes.**



Drugs of abuse are illegal or prescription drugs (for example, Oxycodone or Valium) that are taken for a non-medical purpose, including taking the medication for longer than your doctor prescribed or for a

purpose other than what the doctor prescribed.

4. What are the Common Street Names for the Drugs to be detected?

Drug	Common Street Names
Amphetamine (AMP)	Speed, Jelly Beans or Super Jellies, Hearts, Uppers, Pick me ups or Wake me ups, Wake ups, Get ups, Boot ups, Sparkles
Secobarbital (BAR)	Amytal, Downers, Nembutal, Phenobarbital, Reds, Red Birds, Red devils, Seconal, Tuninal, Yellowjackets
Buprenorphine (BUP)	Bupe, Subbies, Temmies
Oxazepam (BZO)	Benzos, Downers, Nerve Pills, Tranks
Cocaine (COC)	Blow, C, Candy, Coke, Do a line, Freeze, Girl, Happy dust, Mama coca, Mojo, Monster, Nose, Pimp, Shot, Smoking gun, Snow, Sugar, Sweet stuff, and White powder.
Methylenedioxymetha mphetamine (MDMA)	Ecstasy, E, X, XTC, Adam, Clarity, Lover's Speed
Methamphetamine (MET/mAMP)	Speed, Ice, Chalk, Meth, Crystal, Crank, Fire, Glass
Methadone (MTD)	mixture, meth, linctus, green
Morphine (MOP/OPI)	Aunt Hazel, big H, black pearl, brown sugar, capital H, charley, china white, dope, good horse, H, hard stuff, hero, heroina, little boy, mud, perfect high, smack, stuff and tar.
Oxycodone (OXY)	OC, Ocyotton, OX, and Kicker
Phencyclidine (PCP)	Angel dust, belladonna, black whack, CJ, cliffhanger, crystal joint, Detroit pink, elephant tranquilizer, hog, magic, Peter Pan, sheets, soma, TAC, trunk, white horizon and zoom.
Propoxyphene (PPX)	Darvon, Darvocet, Dolene, Propacet 100, Wygesic, SK-65, SK-65 APAP, Trycet, Genagesic, E-Lor, Balacet, Pain Killer, Pinks, Footballs, PP-Cap
Nortriptyline (TCA)	Blue angels, Blue birds, Vivactil, Anafranil, Janimine, Tofranil
Cannabinoids (THC)	420, Aunt Mary, baby, bobby, boom, chira, chronic, ditch, ganja, grass, greens, hash, herb, Mary Jane, nigra, Pot, reefer, rip, root, skunk, stack, torch, weed and zambi.

5. How accurate is the test?

The tests are sensitive to drugs and accurate. These tests, however, are not as accurate as lab tests. In some cases, certain foods and drugs may cause false positives as well as false negatives for those who use drug-testing kits.

6. If the test results are negative, can the conclusion be that the person is free of drugs?

This means that if the sample was collected properly and if the test was performed according to direction, then none of the drug screened were present in the urine.

7. Does a preliminary positive screen test mean that drugs of abuse have been found?

This means that the test has reacted with something in the sample and the sample must be sent to the lab for a more accurate test.

8. What should I do, if the lab test confirms a positive result?

If you have received a confirmed positive result, please consult with our staff on a proper course of action. We will help you identify counselors who can help you. It is important that you remain calm and do not react in a negative way to the situation. If you do not believe the test result, please consult with your physician. They will have your background medical history and be able to provide you with detailed information on both the test and the meaning of the result.

9. What is the principle of T-Dip® Multi-Drug Urine Test Panel?

T-Dip® Multi-Drug Urine Test Panel are competitive immunoassays that is used to screen for the

presence of drugs of abuse in urine. When the test is activated, the urine is absorbed into the device by capillary action. Then flowing across the pre-coated membrane, it will be mixed with the respective drug antibody conjugates. If concentrations of sample drugs are below corresponding detected drugs' cutoff, respective drug antibody conjugates bind to the respective drug-protein conjugates immobilized in the Test Region (T) of the device. This produces a colored line in test region that indicates a negative result. On the contrary, if concentrations of sample drugs are at or above corresponding detected drugs' cutoff, the free drugs of sample bind to the respective drug antibody conjugates. It prevents the respective drug antibody conjugates from binding to the respective drug-protein conjugates immobilized in the Test Region (T) of the device. Therefore, there is no colored line in the test region that indicates a preliminary positive result. To serve as a procedure control, if the test has been performed properly, a colored line will appear at the Control Region (C).

QUALITY CONTROL

Users should follow the appropriate federal, state, and local guidelines concerning the frequency of assaying external quality control materials. Even though there is an internal procedural control line in the test device in the Control Region (C), 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. External Control (positive and negative) should be run with each new lot of test received, each new shipment, each new operator and monthly to determine that tests are working properly.

PERFORMANCE CHARACTERISTICS

Accuracy

1520 (eighty for each drug) clinical urine specimens were analyzed by GC-MS or LC/MS-MS and by each corresponding T-Dip® Multi-Drug Urine Test Panel. Each T-Dip® Multi-Drug Urine Test Panel was read by three viewers. Specimens were divided by concentration into five categories: Drug Free, Less than Half the Cutoff, Near Cutoff Negative, Near Cutoff Positive and High Positive. Results were as followed:

Drug Test	Result		Drug Free	Less than Half the Cutoff	Near Cutoff Negative (Between 50% below the cutoff and the cutoff)	Near Cutoff Positive (Between the cutoff and 50% above the cutoff)	High Positive (Greater than 50% above the cutoff)	% Agreement with GC/MS or LC/MS
AMP 500	Viewer A	+	0	0	2	30	10	100%
		-	10	17	11	0	0	95%
	Viewer B	+	0	0	1	30	10	100%
		-	10	17	12	0	0	97.5%
	Viewer C	+	0	0	1	30	10	100%
		-	10	17	12	0	0	97.5%
AMP 1000	Viewer A	+	0	0	1	30	10	100%
		-	10	16	13	0	0	97.5%
	Viewer B	+	0	0	1	28	10	95%
		-	10	16	13	2	0	97.5%
	Viewer C	+	0	0	1	28	10	95%
		-	10	16	13	2	0	97.5%
BAR 300	Viewer A	+	0	0	1	29	11	100%
		-	10	19	10	0	0	97.5%
	Viewer B	+	0	0	1	28	11	97.5%
		-	10	19	10	1	0	97.5%
	Viewer C	+	0	0	1	28	11	97.5%
		-	10	19	10	1	0	97.5%
BUP 10	Viewer A	+	0	0	2	28	10	95%
		-	10	18	10	2	0	95%
	Viewer B	+	0	0	2	28	10	95%
		-	10	18	10	2	0	95%
	Viewer C	+	0	0	2	28	10	95%
		-	10	18	10	2	0	95%

BZO 300	Viewer C	+	0	0	2	28	10	95%
		-	10	18	10	2	0	95%
	Viewer A	+	0	0	2	29	10	97.5%
		-	10	15	13	1	0	95%
	Viewer B	+	0	0	0	28	10	95%
		-	10	15	15	2	0	100%
COC 150	Viewer A	+	0	0	3	29	10	97.5%
		-	10	15	12	1	0	92.5%
	Viewer B	+	0	0	2	31	9	100%
		-	10	18	10	0	0	95%
	Viewer C	+	0	0	1	30	9	97.5%
		-	10	18	11	1	0	97.5%
COC 300	Viewer A	+	0	0	3	28	11	97.5%
		-	10	13	14	1	0	92.5%
	Viewer B	+	0	0	3	28	11	97.5%
		-	10	13	14	1	0	92.5%
	Viewer C	+	0	0	3	28	11	97.5%
		-	10	13	14	1	0	92.5%
EDDP 300	Viewer A	+	0	0	1	32	8	100%
		-	10	18	11	0	0	97.5%
	Viewer B	+	0	0	1	32	8	100%
		-	10	18	11	0	0	97.5%
	Viewer C	+	0	0	1	32	8	100%
		-	10	18	11	0	0	97.5%
MDMA 500	Viewer A	+	0	0	2	30	10	100%
		-	10	18	10	0	0	95%
	Viewer B	+	0	0	2	30	10	100%
		-	10	18	10	0	0	95%
	Viewer C	+	0	0	2	30	10	100%
		-	10	18	10	0	0	95%
MET 500	Viewer A	+	0	0	2	20	20	100%
		-	10	15	13	0	0	95%
	Viewer B	+	0	0	2	20	20	100%
		-	10	15	13	0	0	95%
	Viewer C	+	0	0	3	20	20	100%
		-	10	15	12	0	0	92.5%
MET 1000	Viewer A	+	0	0	2	24	15	97.5%
		-	10	18	10	1	0	95%
	Viewer B	+	0	0	2	24	15	97.5%
		-	10	18	10	1	0	95%
	Viewer C	+	0	0	2	24	15	97.5%
		-	10	18	10	1	0	95%
MOP 300	Viewer A	+	0	0	0	29	10	97.5%
		-	10	18	12	1	0	100%
	Viewer B	+	0	0	0	29	10	97.5%
		-	10	18	12	1	0	100%
	Viewer C	+	0	0	0	29	10	97.5%
		-	10	18	12	1	0	100%
MTD 300	Viewer A	+	0	0	2	28	12	100%
		-	10	18	10	0	0	95%
	Viewer B	+	0	0	1	27	12	97.5%
		-	10	18	11	1	0	97.5%
	Viewer C	+	0	0	2	27	12	97.5%
		-	10	18	10	1	0	95%
OPI 2000	Viewer A	+	0	0	2	30	10	100%
		-	10	18	10	0	0	95%
	Viewer	+	0	0	3	30	10	100%

OXY 100	Viewer B	-	10	18	9	0	0	92.5%
		+	0	0	1	30	10	100%
	Viewer A	-	10	18	11	0	0	97.5%
		+	0	0	1	29	10	97.5%
	Viewer B	-	10	18	11	1	0	97.5%
		+	0	0	0	29	10	97.5%
PCP 25	Viewer A	-	10	18	12	1	0	100%
		+	0	0	1	28	10	95%
	Viewer B	-	10	20	9	2	0	97.5%
		+	0	0	1	29	10	97.5%
	Viewer C	-	10	20	9	1	0	97.5%
		+	0	0	1	29	10	97.5%
PPX 300	Viewer A	+	0	0	2	31	8	97.5%
		-	10	17	11	1	0	95%
	Viewer B	+	0	0	2	31	8	97.5%
		-	10	17	11	1	0	95%
	Viewer C	+	0	0	2	31	8	97.5%
		-	10	17	11	1	0	95%
TCA 1000	Viewer A	+	0	0	2	29	10	97.5%
		-	10	18	10	1	0	95%
	Viewer B	+	0	0	2	29	10	97.5%
		-	10	18	10	1	0	95%
	Viewer C	+	0	0	2	29	10	97.5%
		-	10	18	10	1	0	95%
THC 50	Viewer A	+	0	0	2	30	10	100%
		-	10	19	9	0	0	95%
	Viewer B	+	0	0	2	30	10	100%
		-	10	19	9	0	0	95%
	Viewer C	+	0	0	2	30	10	100%
		-	10	19	9	0	0	95%

Precision and Sensitivity

To investigate the precision and sensitivity, each drug samples were analyzed at the following concentrations: cutoff - 100%, cutoff - 75%, cutoff - 50%, cutoff - 25%, cutoff, cutoff +25%, cutoff + 50%, cutoff + 75% and the cutoff + 100%. All concentrations were confirmed with GC/MS or LC/MS method. The study was performed 2 runs /day and lasted 25 days using three different lots of the T-Dip® Multi-Drug Urine Test Panel. Totally 3 operators participated in the study of the corresponding T-Dip® Multi-Drug Urine Test Panel. Each of the 3 operators tests 2 aliquots at each concentration for each lot per day (2 runs per day), for a total of 50 determinations per concentration per lot of the T-Dip® Multi-Drug Urine Test Panel.

Drug Test	Approximate concentration of Sample (ng/mL)	Number of Determinations per lot	Results Negative/Positive		
			Lot 1	Lot 2	Lot 3
AMP 500	0	50	50/0	50/0	50/0
	125	50	50/0	50/0	50/0
	250	50	50/0	50/0	50/0
	375	50	50/0	50/0	50/0
	500	50	11/39	10/40	10/40
	625	50	0/50	0/50	0/50
	750	50	0/50	0/50	0/50
	875	50	0/50	0/50	0/50
	1000	50	0/50	0/50	0/50
AMP 1000	0	50	50/0	50/0	50/0
	250	50	50/0	50/0	50/0
	500	50	50/0	50/0	50/0

	750	50	50/0	50/0	50/0
	1000	50	7/43	8/42	7/43
	1250	50	0/50	0/50	0/50
	1500	50	0/50	0/50	0/50
	1750	50	0/50	0/50	0/50
	2000	50	0/50	0/50	0/50
BAR 300	0	50	50/0	50/0	50/0
	75	50	50/0	50/0	50/0
	150	50	50/0	50/0	50/0
	225	50	50/0	50/0	50/0
	300	50	8/42	8/42	7/43
	375	50	0/50	0/50	0/50
	450	50	0/50	0/50	0/50
	525	50	0/50	0/50	0/50
	600	50	0/50	0/50	0/50
BUP 10	0	50	50/0	50/0	50/0
	2.5	50	50/0	50/0	50/0
	5.0	50	50/0	50/0	50/0
	7.5	50	50/0	50/0	50/0
	10.0	50	10/40	10/40	9/41
	12.5	50	0/50	0/50	0/50
	15.0	50	0/50	0/50	0/50
	17.5	50	0/50	0/50	0/50
	20.0	50	0/50	0/50	0/50
BZO 300	0	50	50/0	50/0	50/0
	75	50	50/0	50/0	50/0
	150	50	50/0	50/0	50/0
	225	50	50/0	50/0	50/0
	300	50	8/42	7/43	8/42
	375	50	0/50	0/50	0/50
	450	50	0/50	0/50	0/50
	525	50	0/50	0/50	0/50
	600	50	0/50	0/50	0/50
COC 150	0	50	50/0	50/0	50/0
	37.5	50	50/0	50/0	50/0
	75	50	50/0	50/0	50/0
	112.5	50	50/0	50/0	50/0
	150	50	10/40	10/40	10/40
	187.5	50	0/50	0/50	0/50
	225	50	0/50	0/50	0/50
	262.5	50	0/50	0/50	0/50
	300	50	0/50	0/50	0/50
COC 300	0	50	50/0	50/0	50/0
	75	50	50/0	50/0	50/0
	150	50	50/0	50/0	50/0
	225	50	50/0	50/0	50/0
	300	50	10/40	10/40	11/39
	375	50	0/50	0/50	0/50
	450	50	0/50	0/50	0/50
	525	50	0/50	0/50	0/50
	600	50	0/50	0/50	0/50
EDDP 300	0	50	50/0	50/0	50/0
	75	50	50/0	50/0	50/0
	150	50	50/0	50/0	50/0
	225	50	50/0	50/0	50/0
	300	50	9/41	9/41	8/42
	375	50	0/50	0/50	0/50
	450	50	0/50	0/50	0/50
	525	50	0/50	0/50	0/50
	525	50	0/50	0/50	0/50

MDMA 500	600	50	0/50	0/50	0/50
	0	50	50/0	50/0	50/0
	125	50	50/0	50/0	50/0
	250	50	50/0	50/0	50/0
	375	50	50/0	50/0	50/0
	500	50	10/40	10/40	11/39
	625	50	0/50	0/50	0/50
	750	50	0/50	0/50	0/50
	875	50	0/50	0/50	0/50
	1000	50	0/50	0/50	0/50
MET 500	0	50	50/0	50/0	50/0
	125	50	50/0	50/0	50/0
	250	50	50/0	50/0	50/0
	375	50	50/0	50/0	50/0
	500	50	10/40	10/40	10/40
	625	50	0/50	0/50	0/50
	750	50	0/50	0/50	0/50
	875	50	0/50	0/50	0/50
	1000	50	0/50	0/50	0/50
MET 1000	0	50	50/0	50/0	50/0
	250	50	50/0	50/0	50/0
	500	50	50/0	50/0	50/0
	750	50	50/0	50/0	50/0
	1000	50	8/42	8/42	7/43
	1250	50	0/50	0/50	0/50
	1500	50	0/50	0/50	0/50
	1750	50	0/50	0/50	0/50
	2000	50	0/50	0/50	0/50
MOP 300	0	50	50/0	50/0	50/0
	75	50	50/0	50/0	50/0
	150	50	50/0	50/0	50/0
	225	50	50/0	50/0	50/0
	300	50	11/39	11/39	11/39
	375	50	0/50	0/50	0/50
	450	50	0/50	0/50	0/50
	525	50	0/50	0/50	0/50
	600	50	0/50	0/50	0/50
MTD 300	0	50	50/0	50/0	50/0
	75	50	50/0	50/0	50/0
	150	50	50/0	50/0	50/0
	225	50	50/0	50/0	50/0
	300	50	8/42	9/41	9/41
	375	50	0/50	0/50	0/50
	450	50	0/50	0/50	0/50
	525	50	0/50	0/50	0/50
	600	50	0/50	0/50	0/50
OPI 2000	0	50	50/0	50/0	50/0
	500	50	50/0	50/0	50/0
	1000	50	50/0	50/0	50/0
	1500	50	50/0	50/0	50/0
	2000	50	10/40	11/39	10/40
	2500	50	0/50	0/50	0/50
	3000	50	0/50	0/50	0/50
	3500	50	0/50	0/50	0/50
	4000	50	0/50	0/50	0/50
OXY 100	0	50	50/0	50/0	50/0
	25	50	50/0	50/0	50/0
	50	50	50/0	50/0	50/0
	75	50	50/0	50/0	50/0

	100	50	8/42	9/41	9/41
	125	50	0/50	0/50	0/50
	150	50	0/50	0/50	0/50
	175	50	0/50	0/50	0/50
	200	50	0/50	0/50	0/50
	0	50	50/0	50/0	50/0
PCP 25	6.25	50	50/0	50/0	50/0
	12.5	50	50/0	50/0	50/0
	18.75	50	50/0	50/0	50/0
	25	50	6/44	6/44	7/43
	31.25	50	0/50	0/50	0/50
	37.5	50	0/50	0/50	0/50
	43.75	50	0/50	0/50	0/50
	50	50	0/50	0/50	0/50
PPX 300	0	50	50/0	50/0	50/0
	75	50	50/0	50/0	50/0
	150	50	50/0	50/0	50/0
	225	50	50/0	50/0	50/0
	300	50	10/40	10/40	11/39
	375	50	0/50	0/50	0/50
	450	50	0/50	0/50	0/50
	525	50	0/50	0/50	0/50
	600	50	0/50	0/50	0/50
TCA 1000	0	50	50/0	50/0	50/0
	250	50	50/0	50/0	50/0
	500	50	50/0	50/0	50/0
	750	50	50/0	50/0	50/0
	1000	50	11/39	10/40	11/39
	1250	50	0/50	0/50	0/50
	1500	50	0/50	0/50	0/50
	1750	50	0/50	0/50	0/50
	2000	50	0/50	0/50	0/50
THC 50	0	50	50/0	50/0	50/0
	12.5	50	50/0	50/0	50/0
	25.0	50	50/0	50/0	50/0
	37.5	50	50/0	50/0	50/0
	50.0	50	11/39	10/40	10/40
	62.5	50	0/50	0/50	0/50
	75.0	50	0/50	0/50	0/50
	87.5	50	0/50	0/50	0/50
	100	50	0/50	0/50	0/50

Specificity and Cross Reactivity

To test the specificity of the test, the test device was used to test various drugs, drug metabolites and other components of the same class that are likely to be present in urine, All the components were added to drug-free normal human urine. The following structurally related compounds produced positive results with the test when tested at levels equal to or greater than the concentrations listed below.

Substance	Conc. (ng/mL)	Substance	Conc. (ng/mL)
AMP 500			
d-Amphetamine	500	l-Amphetamine	25,000
d,l-Amphetamine	1,500	(+/-) 3,4-Methylenedioxyamphetamine (MDA)	2,500
Phentermine	1,500	Hydroxyamphetamine	8,000
d-methamphetamine	>100,000	l-methamphetamine	>100,000

(+/-) 3,4-Methylenedioxyethylamphetamin e (MDE)	>100,000	(+/-)3,4-Methylenedioxyampheta mine (MDMA)	>100,000
Ephedrine	>100,000	β-Phenylethylamine	100,000
Tyramine	100,000	p-Hydroxynorephedrine	100,000
Phenylpropanolamine	>100,000	(±)Phenylpropanolamine	>100,000
d/l-Norephedrine	100,000	Benzphetamine	>100,000
l-Ephedrine	>100,000	l-Epinephrine	>100,000
d/l-Epinephrine	>100,000	p-Hydroxyamphetamine	100,000
AMP 1000			
d-Amphetamine	1,000	l-Amphetamine	50,000
d,l-Amphetamine	3,000	(+/-) 3,4-Methylenedioxyamphetamine (MDA)	5,000
Phentermine	3,000	d-Methamphetamine	>100,000
l-Methamphetamine	>100,000	Ephedrine	>100,000
(+/-)3,4-Methylenedioxyamphethamin e (MDMA)	100,000	Hydroxyamphetamine	8,000
β-Phenylethylamine	100,000	p-Hydroxynorephedrine	100,000
Tyramine	100,000	(±)Phenylpropanolamine	>100,000
Phenylpropanolamine	>100,000	d/l-Norephedrine	100,000
p-Hydroxyamphetamine	100,000	l-Ephedrine	>100,000
Benzphetamine	>100,000	d/l-Epinephrine	>100,000
l-Epinephrine	>100,000	3,4-Methylenedioxyethylampheta mine (MDE)	>100,000
BAR 300			
Secobarbital	300	Butathal	100
Amobarbital	10,000	Butalbital	2,500
Alphenol	150	Cyclopentobarbital	600
Aprobarbital	200	Pentobarbital	2,500
Butabarbital	75	Phenobarbital	10,000
BUP 10			
Buprenorphine	10	Norbuprenorphine	20
Buprenorphine -3-D-Glucuronide	15	Norbuprenorphine-3-D-Glucuronide	200
Morphine	>100,000	Oxymorphone	>100,000
Hydromorphone	>100,000		
BZO 300			
Oxazepam	300	Diazepam	200
Alprazolam	200	Estazolam	1,000
α-Hydroxyalprazolam	1,500	Flunitrazepam	2,500
Bromazepam	500	D,L-Lorazepam	1,500
Chlordiazepoxide	1,500	Midazolam	12,500
Clobazam	100	Nitrazepam	4,000
Clonazepam	800	Norchlordiazepoxide	200
Clorazepate dipotassium	200	Nordiazepam	500
Delorazepam	1,500	Temazepam	250
Desalkylflurazepam	400	Triazolam	1,200
Demoxepam	2,000	Flurazepam	500
COC 150			
Benzoylecgonine	150	Ecgonine	16,000
Cocaine	375	Ecgonine methyl ester	>100,000
Cocaethylene	6,250	Norcocaine	>100,000
COC 300			
Benzoylecgonine	300	Ecgonine	32,000
Cocaine	750	Ecgonine methyl ester	>100,000
Cocaethylene	12,500	Norcocaine	>100,000

EDDP 300			
2-ethylidene-1,5-dimethyl-3,3-diphenylpyrrolidine	300	Methadone	300,000
EMDP	300,000	Doxylamine	>100,000
LAAM (Levo-alpha-acetyl(methadol) HCl	>100,000	Alpha Methadol	>100,000
Disopyramide	>100,000		
MDMA 500			
3,4-Methylenedioxy-methamphetamin e (MDMA)	500	3,4-Methylenedioxyethylampheta mine (MDEA)	300
3,4-Methylenedioxyamphetamine (MDA)	3,000	d-Methamphetamine	>100,000
l-methamphetamine	50,000	l-amphetamine	>100,000
d-amphetamine	>100,000		
MET 500			
d-methamphetamine	500	(+/-)3,4-Methylenedioxy-methampheta mine (MDMA)	2,000
p-Hydroxymethamphetamine	15,000	(-)-Methamphetamine	12,500
l-methamphetamine	10,000	d-Amphetamine	25,000
l-Amphetamine	37,500	Chloroquine	10,000
(+/-)-Ephedrine	25,000	d/l-Methamphetamine	500
(+/-)3,4-Methylenedioxyamphetamine (MDA)	500	(+/-)3,4Methylenedioxy-n-ethylamphetamine (MDEA)	500
l-Phenylephrine	100,000	β-Phenylethylamine	25,000
Trimethobenzamide (1R,2S)-(-)-Ephedrine	5,000 50,000	d/l-Amphetamine Mephentermine	75,000 25,000
MET 1000			
d-methamphetamine	1,000	l-phenylephrine	>100,000
p-Hydroxymethamphetamine	30,000	Mephentermine	50,000
l-methamphetamine	25,000	(+/-)3,4-Methylenedioxy-n-ethylamphetamine (MDEA)	1,000
D/L-Methamphetamine	1,000	D-Amphetamine	100,000
L-Amphetamine	75,000	Chloroquine	50,000
(+/-)-Ephedrine	50,000	(-)-Methamphetamine	25,000
(+/-)3,4-Methylenedioxyamphetamine (MDA)	1,000	(+/-)3,4-Methylenedioxy-methampheta mine (MDMA)	4,000
β-Phenylethylamine	50,000	Trimethobenzamide	10,000
d,l-Amphetamine	100,000	(1R,2S)-(-)-Ephedrine	100,000
MOP 300			
Morphine	300	Morphinie-3-β-d-glucuronide	1,000
Codeine	300	Norcodeine	6,250
Ethyl Morphine	100	Normorphine	300
Heroin	300	Oxycodone	>100,000
Hydrocodone	5,000	Oxymorphone	100,000
Hydromorphone	1,000	Procaine	150,000
6-Monoacetylmorphine (6-MAM)	150	Thebaine	3,000
Levorphanol	10,000		
MTD 300			
Methadone	300	Doxylamine	50,000
EMDP	>100,000	EDDP	>100,000
LAAM	>100,000	Alpha Methadol	>100,000
OPI 2000			
Morphine	2,000	Morphinie-3-β-D-glucuronide	2,000
Codeine	2,000	Norcodeine	12,500
Ethyl Morphine	1,500	Normorphine	50,000

Heroin	2,000	Oxycodone	25,000
Hydrocodone	12,500	Oxymorphone	25,000
Hydromorphone	3,500	Procaine	150,000
6-Monoacetylmorphine (6-MAM)	1,500	Thebaine	5,000
Levorphanol	75,000		
OXY 100			
Oxycodone	100	Codeine	100,000
Dihydrocodeine	20,000	Ethylmorphine	>100,000
Hydrocodone	10,000	Hydromorphone	32,000
Oxymorphone	1,000	Thebaine	>100,000
Acetyl-morphine	>100,000	Morphine	>100,000
Buprenorphine	>100,000		
PCP 25			
Phencyclidine	25	4-Hydroxyphencyclidine	12,500
PPX 300			
d-Propoxyphene	300	d-Norpropoxyphene	300
TCA 1000			
Nortriptyline	1,000	Promazine	1,500
Amitriptyline	1,500	Maprotiline	2,000
Clomipramine	12,500	Nordoxepin	1,000
Desipramine	200	Promethazine	25,000
Doxepin	2,000	Trimipramine	3,000
Imipramine	400	Cyclobenzaprine	800
Norclomipramine	12,500		
THC 50			
11-nor-Δ9-THC-9-COOH	50	Δ9-Tetrahydrocannabinol	5,000
(-)-11-nor-9-carboxy-Δ9-THC	50	Cannabinol	20,000
11-nor-Δ8-THC-9-COOH	30	Cannabidiol	100,000
11-hydroxy-Δ9-Tetrahydrocannabinol	5,000	11-nor-Δ9-THC-carboxy-glucuronide	100
Δ8-Tetrahydrocannabinol	1,300		

Effect of Urinary Specific Gravity

The results demonstrate that the urinary specific gravity range of 1.000~1.035 does not affect the test result.

Effect of Urinary pH

The results demonstrate that the range of pH from 4 to 9 does not interfere with the performance of the test.

Interfering Substances

The following compounds were added to drug-free urine, urine with a drug concentration 25% below the cutoff, and urine with a drug concentration 25% above the cutoff for the corresponding drug of abuse test. All potential interferents were added at a concentration of 100 µg/mL. None of the urine samples showed any deviation from the expected results.

Acetaminophen	Effexor	Nimodipine
Acetophenetidin	Enalapril Maleate	Nitroglycerin
Acetylsalicylic Acid	Erythromycin	Norethindrone
Acyclovir	Esomeprazole Magnesium	N-Acetylprocainamide
Afrin	β-Estradiol	O-Hydroxyhippuric Acid
Albumin (100mg/dL)	1% Ethanol	Olanzapine
Aminophylline	Fenofibrate	Omeprazole
Aminopyrine	Fenoprofen	Oxalic Acid
Amiodarone Hydrochloride	Fentanyl Citrate	Oxolinic Acid
Amlodipine Mesylate	Fluoxetine Hydrochloride	Oxymetazoline
Amoxicillin	Fluvoxamine	Ondansetran
Ampicillin	Furosemide	Paliperidone
Apomorphine	Gabapentin	Pantoprazole

Aripiprazole	Gentisic Acid	Papaverine
Aspartame	Glibenclamide	Paroxetine Hydrochloride
Atomoxetine	Glidazide	Penfluridol
Atorvastatin Calcium	Glipizide	PenicillinV Potassium
Atropine	Glucose	Penicillin-G
Benzilic Acid	Haloperidol	Phenelzine
Benzoic Acid	Hemoglobin	Pioglitazone Hydrochloride
Bilirubin	Hydrochlorothiazide	Piracetam
Bupropion	Hydrocortisone	Pravastatin Sodium
Captopril	3-Hydroxytyramine	Prednisone
Carbamazepine	Isosorbide Dinitrate	Propylthiouracil
Cefradine	Isoxsuprine	Quetiapine Fumarate
Cephalexin	Ibuprofen	Quinine
Chloral Hydrate	Ketoconazole	Ranitidine
Chloramphenicol	Ketoprofen	Rifampicin
Chlorothiazide	Ketamine	Risperidone
Cholesterol	Kratom powder	Salicylic Acid
Ciprofloxacin Hydrochloride	Labetalol	Serotonin
Citalopram	Lamotrigine	Sertraline Hydrochloride
Clarithromycin	Levofloxacin Hydrochloride	Sildenafil Citrate
Clonidine	Levonorgestrel	Simvastatin
Clopidogrel Hydrogen Sulphate	Levothyroxine Sodium	Sodium Valproate
Clozapine	Lidocaine Hydrochloride	Spironolactone
Conjugated Estrogens	Lisinopril	Sulfamethazine
Cortisone	Lithium Carbonate	Sulindac
Creatinine	Liverite	Tetracycline
(-) Cotinine	Loperamide	Tetrahydrocortisone 3 -acetate
chlorpheniramine	Loratadine	Tetrahydrocortisone 3-(β-D glucuronide)
D,L-Octopamine	Magnesium	Tetrahydrozoline
D,L-Propranolol	Meperidine	Thiamine
D,L-Tyrosine	Meprobamate	Thioridazine
Deoxycorticosterone	Metoprolol Tartrate	Topiramate
Dextromethorphan	Mifepristone	Tramadol Hydrochloride
Diclofenac	Mirtazapine	Trazodone Hydrochloride
Diflunisal	Montelukast Sodium	Triamterene
Digoxin	Mosapride Citrate	Trifluoperazine
Diphenhydramine	Minocycline	Trimethoprim
Dirithromycin	Nalidixic Acid	Uric Acid
Domperidone	Naproxen	Valproate
D-Pseudoephedrine	Niacinamide	Verapamil
Duloxetine	Nifedipine	Vitamin B2
Dicyclomine	Nikethamide	Vitamin C

ASSISTANCE

If you have any question regarding to the use of this product, please call our Toll Free Number 1-888-444-3657 (9:00 a.m. to 5:00 p.m. CDT M-F).

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Hofmann F.E., A Handbook on Drug and Alcohol Abuse: The Biomedical Aspects, New York, Oxford University

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ADDITIONAL INFORMATION AND RESOURCES

The following list of organizations may be helpful to you for counseling support and resources. These groups also have an Internet address which can be accessed for additional information.
National Clearinghouse for Alcohol and Drug Information www.health.org 1-800-729-6686
Center for Substance Abuse Treatment www.health.org 1-800-662-HELP
The National Council on Alcoholism and Drug Dependence www.ncadd.org 1-800-NCA-CALL
American Council for Drug Education (ACDE) www.acde.org 1-800-488-DRUG

INDEX OF SYMBOLS

Keep away from sunlight

Store between 4°C - 30°C (39°F - 86°F)

Keep dry

Do not re-use

Instruction for Use

Tests per Kit

Manufactured by Guangzhou Wondfo Biotech Co., LTD
Guangzhou, Guangdong, P.R. China 510663

Made in China

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