Identify® Health Drug Screen Test Cup
Package Insert

For *In Vitro* Diagnostic Use

For HCP/Professional use

INTENDED USE

The Identify® Health Drug Screen Test Cup is lateral flow immunoassays for rapid detection of multiple commonly abused drugs in human urine. The detectable drugs and their cutoff concentrations are listed below:

Abbreviation	Analyte	Calibrator	Cutoff (ng/mL)
6AM	6-Acetylmorphine	6-Monoacetylmorphine	10
AMP	Amphetamine	d-Amphetamine	500 / 1000
BAR	Secobarbital	Secobarbital	300
BUP	Buprenorphine	Buprenorphine	10
BZO	Oxazepam	Oxazepam	300
COC	Cocaine	Benzoylecgonine	150 / 300
EDDP	EDDP	2-ethylidene-1,5-dimethyl-3-3-diphenylpyrrolidine	300
FEN	Fentanyl	Fentanyl	1
FEN	Norfentanyl	Norfentanyl	5
MDMA	Ecstasy	d,l-Methylenedioxy methamphetamine	500
MET	Methamphetamine	d-Methamphetamine	500 / 1000
MOR	Morphine	Morphine	300
MTD	Methadone	d/l-Methadone	300
OPI	Opiates	Morphine	2000
OXY	Oxycodone	Oxycodone	100
PCP	Phencyclidine	Phencyclidine	25
PPX	Propoxyphene	Propoxyphene	300
TCA	Nortriptyline	Nortriptyline	1000
THC	Marijuana	11-nor-Δ⁹-THC-9-COOH	20 / 50

The single or multi-test cup can include any combination of the analytes listed above, with and without on-board adulteration tests. However, only one cut-off concentration can be included per analyte per device.

This *in vitro* diagnostic device provides only a preliminary test result. A more specific alternate chemical method must be used in order to obtain a confirmed analytical test result. GC/MS or LC/MS is the preferred confirmatory method.

PRINCIPLE

All tests included in this device are rapid lateral flow immunoassays, based on the principle of competitive binding, between a chemically labeled drug (drug-protein conjugate) and the drug or drug metabolites, which may be present in the urine sample, competing for the limited antibody binding sites. Urine migrates via capillary action along the nitrocellulose (NC) membrane strip pre-coated with a drug-protein conjugate band on the test line (T) region and a colored antibody-colloidal gold conjugate pad, and rehydrates the antibody colloidal gold conjugate on test strip. This urine-gold conjugate mixture then migrates along the NC membrane to the immobilized drug-protein band. If a target drug is absent or present in the urine specimen below its cut-off concentration, the colored antibody-gold conjugates specifically bind with the immobilized drug-protein conjugates to form a visible line on the (T) region. If the target drug level exceeds its cut-off concentration, the drug/metabolite antigen competes with drug-protein conjugates on the test band region for the limited antibody on the colored drug antibody-colloidal gold conjugate pad. The drug will saturate the limited antibody binding sites and the colored antibody-colloidal gold conjugate cannot bind to the drug-protein conjugate at the test region of the test strip. Therefore, the formation of the visible T band indicates a negative result, while absence of T band indicates a positive result.

A visible line generated by a different antigen-antibody reaction is also present but located in the control region of the test strip. This line will always appear at the control line region, regardless of the presence of target drugs in urine, as long as proper volume of specimen has been added and membrane wicking has occurred. The presence of a control line serves as a built-in procedural control, which indicates that the test was properly performed.

REAGENTS

Each test strip contains a colloidal gold pad coated with drug-specific antibodies. It also contains a membrane coated with drug-protein conjugates in the test line region and control IgG in the control line region.

ADULTERATION TEST (OPTIONAL COMPONENT)

Urine sample adulteration is usually achieved by substitution, dilution or the addition of adulterants including so-called "masking agents" sold commercially. The use of adulterants can cause false negative results in drug tests by either interfering with the test and/or destroying drugs present in the urine. Dilution may also be used in an attempt to produce false negative drug test results.

The adulteration test strip contains chemically treated reagent pads, which can be activated by a urine sample.

PRECAUTIONS

- All urine specimens should be regarded as potentially hazardous or infectious. Wear gloves and proper attire to avoid skin contact and handle with universal precautions.
- Do not open the sealed pouch until ready to perform the test.
- Do not use the device after the expiration date.
- Do not re-use the device.

MATERIAL SUPPLIED

- Twenty-five (25) individually pouched test cups
- One (1) Package Insert

MATERIAL REQUIRED BUT NOT PROVIDED

- Timer

STORAGE AND STABILITY

- Store as package in the sealed pouch at 2°C - 30°C (35.6°F – 86.0°F).
- Once pouch open, the test cup must be used within 1 hour.
- The test is stable through the expiration date printed on the sealed pouch.
- Do not use beyond the expiration date.
- Do not freeze the pouch.

SPECIMEN COLLECTION AND PREPARATION

- A fresh urine sample should be collected in a clean, dry plastic or glass container.
- Fresh urine does not require any special handling or pretreatment.

DIRECTIONS FOR USE

- Remove the test cup from the pouch and use it within 1 hour after pouch opening.
- Remove the lid of the cup and set it aside.
- Collect urine in the cup.
- Screw the lid back on and place the cup on a flat surface, start the timer and wait for the colored line(s) to appear.
- Remove the Peel-off label and read the test result at 5 minutes, following the result interpretation below.
- The result remains stable for 30 minutes. Do not read the result after 30 minutes.

RESULT INTERPRETATION

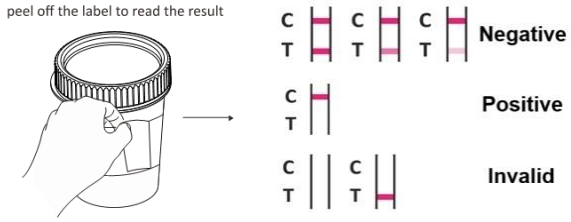
Negative (-): Two colored lines appear. One in the control region (C) and another in the test region (T). The line in the control region is to indicate the proper performance of the device. The appearance of another line in the test region indicates that the concentration of target drug in urine is below the cutoff level.

NOTE: The intensity of the test line may vary. It should be considered negative whenever there is even a faint colored line.

Positive (+): One colored line appears in the control region (C). No line appears in the test region (T). A positive result indicates that the concentration of target drug in urine is at or above the cutoff level.

Invalid: No colored line appears in the control region (C).

Insufficient specimen volume or incorrect procedural techniques are the most likely reasons for control line failure. Review the procedure and repeat the test using a new test kit. If the problem persists, contact your local distributor.



QUALITY CONTROL

An internal control is included in the test. A colored line appearing in the control line region (C) is considered a procedural quality control. It confirms sufficient specimen volume, adequate membrane wicking and correct procedural technique.

LIMITATIONS

- This device provides only a preliminary test result. A more specific alternate chemical method must be used in order to obtain a confirmed analytical test result. GC/MS or LC/MS is the preferred confirmatory methods.
- Both inaccurate techniques or procedures and the existence of interfering substances or adulterants in urine specimen can cause erroneous results.
- A positive result only indicates the presence of drug or its metabolites in urine but does not provide information on drug concentration, administration route and level of intoxication.
- A negative result only indicates that the concentration of drug in urine is below the cutoff level. It may not necessarily indicate drug free.
- The test does not distinguish between drugs of abuse and prescribed medication.

PERFORMANCE CHARACTERISTICS

Precision/Reproducibility

The precision/reproducibility study was carried out by testing samples with concentrations of +100% cutoff, +75% cutoff, +50% cutoff, +25% cutoff, cutoff, -25% cutoff, -50% cutoff, -75% cut off and -100% cutoff. Samples were prepared by spiking target drugs in drug-free urine samples. Each drug concentration was confirmed by LC-MS/MS. Each sample was tested in 50 replicates per lot using three lots of devices, and testing was performed two runs per day for 25 days. The results obtained are summarized in the table below:

Drug	Lot Number	+100% cutoff	+75% cutoff	+50% cutoff	+25% cutoff	Cutoff	-25% cutoff	-50% cutoff	-75% cutoff	-100% cutoff
6AM 10	Lot 1	0-/50+	0-/50+	0-/50+	0-/50+	8-/42+	49-/1+	50-/0+	50-/0+	50-/0+
	Lot 2	0-/50+	0-/50+	0-/50+	0-/50+	9-/41+	50-/0+	50-/0+	50-/0+	50-/0+
	Lot 3	0-/50+	0-/50+	0-/50+	0-/50+	9-/41+	50-/0+	50-/0+	50-/0+	50-/0+
AMP 500	Lot 1	0-/50+	0-/50+	0-/50+	0-/50+	8-/42+	50-/0+	50-/0+	50-/0+	50-/0+

	Lot 2	0-/50+	0-/50+	0-/50+	0-/50+	8-/42+	50-/0+	50-/0+	50-/0+	50-/0+
	Lot 3	0-/50+	0-/50+	0-/50+	0-/50+	7-/43+	50-/0+	50-/0+	50-/0+	50-/0+
AMP 1000	Lot 1	0-/50+	0-/50+	0-/50+	0-/50+	9-/41+	50-/0+	50-/0+	50-/0+	50-/0+
	Lot 2	0-/50+	0-/50+	0-/50+	0-/50+	8-/42+	50-/0+	50-/0+	50-/0+	50-/0+
	Lot 3	0-/50+	0-/50+	0-/50+	0-/50+	9-/41+	50-/0+	50-/0+	50-/0+	50-/0+
BAR 300	Lot 1	0-/50+	0-/50+	0-/50+	0-/50+	11-/39+	50-/0+	50-/0+	50-/0+	50-/0+
	Lot 2	0-/50+	0-/50+	0-/50+	0-/50+	10-/40+	50-/0+	50-/0+	50-/0+	50-/0+
	Lot 3	0-/50+	0-/50+	0-/50+	0-/50+	10-/40+	50-/0+	50-/0+	50-/0+	50-/0+
BUP 10	Lot 1	0-/50+	0-/50+	0-/50+	0-/50+	12-/38+	48-/2+	50-/0+	50-/0+	50-/0+
	Lot 2	0-/50+	0-/50+	0-/50+	0-/50+	12-/38+	50-/0+	50-/0+	50-/0+	50-/0+
	Lot 3	0-/50+	0-/50+	0-/50+	0-/50+	11-/39+	50-/0+	50-/0+	50-/0+	50-/0+
BZO 300	Lot 1	0-/50+	0-/50+	0-/50+	0-/50+	10-/40+	50-/0+	50-/0+	50-/0+	50-/0+
	Lot 2	0-/50+	0-/50+	0-/50+	0-/50+	10-/40+	50-/0+	50-/0+	50-/0+	50-/0+
	Lot 3	0-/50+	0-/50+	0-/50+	0-/50+	9-/41+	50-/0+	50-/0+	50-/0+	50-/0+
COC 150	Lot 1	0-/50+	0-/50+	0-/50+	0-/50+	7-/43+	50-/0+	50-/0+	50-/0+	50-/0+
	Lot 2	0-/50+	0-/50+	0-/50+	0-/50+	7-/43+	50-/0+	50-/0+	50-/0+	50-/0+
	Lot 3	0-/50+	0-/50+	0-/50+	0-/50+	8-/42+	50-/0+	50-/0+	50-/0+	50-/0+
COC 300	Lot 1	0-/50+	0-/50+	0-/50+	0-/50+	10-/40+	50-/0+	50-/0+	50-/0+	50-/0+
	Lot 2	0-/50+	0-/50+	0-/50+	0-/50+	10-/40+	50-/0+	50-/0+	50-/0+	50-/0+
	Lot 3	0-/50+	0-/50+	0-/50+	0-/50+	9-/41+	50-/0+	50-/0+	50-/0+	50-/0+
EDDP 300	Lot 1	0-/50+	0-/50+	0-/50+	2-/48+	12-/38+	50-/0+	50-/0+	50-/0+	50-/0+
	Lot 2	0-/50+	0-/50+	0-/50+	1-/49+	12-/38+	50-/0+	50-/0+	50-/0+	50-/0+
	Lot 3	0-/50+	0-/50+	0-/50+	0-/50+	11-/39+	50-/0+	50-/0+	50-/0+	50-/0+
FEN 1	Lot 1	0-/50+	0-/50+	0-/50+	2-/48+	13-/37+	50-/0+	50-/0+	50-/0+	50-/0+
	Lot 2	0-/50+	0-/50+	0-/50+	2-/48+	10-/40+	50-/0+	50-/0+	50-/0+	50-/0+
	Lot 3	0-/50+	0-/50+	0-/50+	0-/50+	10-/40+	48-/2+	50-/0+	50-/0+	50-/0+
FEN 5	Lot 1	0-/50+	0-/50+	0-/50+	2-/48+	12-/38+	50-/0+	50-/0+	50-/0+	50-/0+
	Lot 2	0-/50+	0-/50+	0-/50+	0-/50+	12-/38+	50-/0+	50-/0+	50-/0+	50-/0+
	Lot 3	0-/50+	0-/50+	0-/50+	0-/50+	10-/40+	49-/1+	50-/0+	50-/0+	50-/0+
MDMA 500	Lot 1	0-/50+	0-/50+	0-/50+	0-/50+	12-/38+	50-/0+	50-/0+	50-/0+	50-/0+
	Lot 2	0-/50+	0-/50+	0-/50+	0-/50+	12-/38+	50-/0+	50-/0+	50-/0+	50-/0+
	Lot 3	0-/50+	0-/50+	0-/50+	0-/50+	10-/40+	50-/0+	50-/0+	50-/0+	50-/0+
MET 500	Lot 1	0-/50+	0-/50+	0-/50+	0-/50+	11-/39+	50-/0+	50-/0+	50-/0+	50-/0+
	Lot 2	0-/50+	0-/50+	0-/50+	0-/50+	10-/40+	50-/0+	50-/0+	50-/0+	50-/0+
	Lot 3	0-/50+	0-/50+	0-/50+	0-/50+	11-/39+	50-/0+	50-/0+	50-/0+	50-/0+
MET 1000	Lot 1	0-/50+	0-/50+	0-/50+	0-/50+	7-/43+	50-/0+	50-/0+	50-/0+	50-/0+
	Lot 2	0-/50+	0-/50+	0-/50+	0-/50+	7-/43+	50-/0+	50-/0+	50-/0+	50-/0+
	Lot 3	0-/50+	0-/50+	0-/50+	0-/50+	8-/42+	50-/0+	50-/0+	50-/0+	50-/0+
MOR 300	Lot 1	0-/50+	0-/50+	0-/50+	0-/50+	9-/41+	50-/0+	50-/0+	50-/0+	50-/0+
	Lot 2	0-/50+	0-/50+	0-/50+	0-/50+	9-/41+	50-/0+	50-/0+	50-/0+	50-/0+
	Lot 3	0-/50+	0-/50+	0-/50+	0-/50+	11-/39+	50-/0+	50-/0+	50-/0+	50-/0+
MTD 300	Lot 1	0-/50+	0-/50+	0-/50+	0-/50+	8-/42+	50-/0+	50-/0+	50-/0+	50-/0+
	Lot 2	0-/50+	0-/50+	0-/50+	0-/50+	8-/42+	50-/0+	50-/0+	50-/0+	50-/0+
	Lot 3	0-/50+	0-/50+	0-/50+	0-/50+	10-/40+	50-/0+	50-/0+	50-/0+	50-/0+
OPI 2000	Lot 1	0-/50+	0-/50+	0-/50+	0-/50+	11-/39+	50-/0+	50-/0+	50-/0+	50-/0+
	Lot 2	0-/50+	0-/50+	0-/50+	0-/50+	9-/41+	50-/0+	50-/0+	50-/0+	50-/0+
	Lot 3	0-/50+	0-/50+	0-/50+	0-/50+	11-/39+	50-/0+	50-/0+	50-/0+	50-/0+
OXY 100	Lot 1	0-/50+	0-/50+	0-/50+	0-/50+	9-/41+	50-/0+	50-/0+	50-/0+	50-/0+
	Lot 2	0-/50+	0-/50+	0-/50+	0-/50+	8-/42+	50-/0+	50-/0+	50-/0+	50-/0+
	Lot 3	0-/50+	0-/50+	0-/50+	0-/50+	10-/40+	50-/0+	50-/0+	50-/0+	50-/0+
PCP 25	Lot 1	0-/50+	0-/50+	0-/50+	0-/50+	11-/39+	50-/0+	50-/0+	50-/0+	50-/0+
	Lot 2	0-/50+	0-/50+	0-/50+	0-/50+	11-/39+	50-/0+	50-/0+	50-/0+	50-/0+
	Lot 3	0-/50+	0-/50+	0-/50+	0-/50+	10-/40+	50-/0+	50-/0+	50-/0+	50-/0+
PPX 300	Lot 1	0-/50+	0-/50+	0-/50+	0-/50+	7-/43+	49-/1+	50-/0+	50-/0+	50-/0+
	Lot 2	0-/50+	0-/50+	0-/50+	0-/50+	7-/43+	50-/0+	50-/0+	50-/0+	50-/0+
	Lot 3	0-/50+	0-/50+	0-/50+	0-/50+	9-/41+	50-/0+	50-/0+	50-/0+	50-/0+
TCA 1000	Lot 1	0-/50+	0-/50+	0-/50+	0-/50+	10-/40+	50-/0+	50-/0+	50-/0+	50-/0+
	Lot 2	0-/50+	0-/50+	0-/50+	0-/50+	9-/41+	50-/0+	50-/0+	50-/0+	50-/0+
	Lot 3	0-/50+	0-/50+	0-/50+	0-/50+	9-/41+	50-/0+	50-/0+	50-/0+	50-/0+
THC 20	Lot 1	0-/50+	0-/50+	0-/50+	0-/50+	10-/40+	50-/0+	50-/0+	50-/0+	50-/0+
	Lot 2	0-/50+	0-/50+	0-/50+	0-/50+	10-/40+	50-/0+	50-/0+	50-/0+	50-/0+
	Lot 3	0-/50+	0-/50+	0-/50+	0-/50+	9-/41+	50-/0+	50-/0+	50-/0+	50-/0+
THC 50	Lot 1	0-/50+	0-/50+	0-/50+	0-/50+	8-/42+	50-/0+	50-/0+	50-/0+	50-/0+
	Lot 2	0-/50+	0-/50+	0-/50+	0-/50+	8-/42+	50-/0+	50-/0+	50-/0+	50-/0+
	Lot 3	0-/50+	0-/50+	0-/50+	0-/50+	9-/41+	50-/0+	50-/0+	50-/0+	50-/0+

Method Comparison (Accuracy)

Method comparison was performed by testing unaltered clinical urine specimens with both the Identify® Health Drug Screen Test Cup and LC/MS as gold standard reference method. Eighty samples (40 negative and 40 positive) with blind labels were tested for each drug by three operators, and then compared to the LC-MS/MS results. The results are presented in the table below:

Drug Test	Test Cup Result		Drug Free	Low Negative by LC/MS (<-50% Cutoff)	Near Cutoff by LC/MS (Between -50% and Cutoff)	Low Positive by LC/MS (Between Cutoff and +50%)	High Positive by LC/MS (> + 50% Cutoff)
6AM 10	Operator A	-	12	16	11	1	0
		+	0	0	1	15	24
	Operator B	-	12	16	11	0	0
		+	0	0	1	16	24
	Operator C	-	12	16	11	0	0
		+	0	0	1	16	24
AMP 500	Operator A	-	12	16	12	1	0
		+	0	0	0	12	27
	Operator B	-	12	16	12	2	0
		+	0	0	0	11	27
	Operator C	-	12	16	12	1	0
		+	0	0	0	12	27
AMP 1000	Operator A	-	12	17	11	0	0
		+	0	0	0	15	25
	Operator B	-	12	17	11	1	0
		+	0	0	0	14	25
	Operator C	-	12	17	11	1	0
		+	0	0	0	14	25
BAR 300	Operator A	-	8	13	18	0	0
		+	0	0	1	16	24
	Operator B	-	8	13	17	0	0
		+	0	0	2	16	24
	Operator C	-	8	13	17	0	0
		+	0	0	2	16	24
BUP 10	Operator A	-	15	14	10	1	0
		+	0	0	1	17	22
	Operator B	-	15	14	10	1	0
		+	0	0	1	17	22
	Operator C	-	15	14	10	1	0
		+	0	0	1	17	22
BZO 300	Operator A	-	8	17	13	0	0
		+	0	0	2	12	28
	Operator B	-	8	17	14	0	0
		+	0	0	1	12	28
	Operator C	-	8	17	13	0	0
		+	0	0	2	12	28
COC 150	Operator A	-	12	13	14	2	0
		+	0	0	1	13	25
	Operator B	-	12	13	14	1	0
		+	0	0	1	14	25
	Operator C	-	12	13	14	1	0
		+	0	0	1	14	25
COC 300	Operator A	-	12	18	10	1	0
		+	0	0	0	15	24
	Operator B	-	12	18	9	1	0
		+	0	0	1	15	24
	Operator C	-	12	18	10	0	0
		+	0	0	0	16	24
EDDP 300	Operator A	-	11	16	12	1	0
		+	0	0	1	13	26
	Operator B	-	11	16	13	1	0
		+	0	0	0	13	26
	Operator C	-	11	16	11	1	0
		+	0	0	2	13	26

FEN 1	Operator A	-	9	15	14	0	0
		+	0	0	2	15	25
	Operator B	-	9	15	14	1	0
		+	0	0	2	14	25
	Operator C	-	9	15	13	0	0
		+	0	0	3	15	25
FEN 5	Operator A	-	10	16	11	0	0
		+	0	0	3	16	24
	Operator B	-	10	16	12	1	0
		+	0	0	2	15	24
	Operator C	-	10	16	11	0	0
		+	0	0	3	16	24
MDMA 500	Operator A	-	10	20	10	0	0
		+	0	0	0	12	28
	Operator B	-	10	20	9	1	0
		+	0	0	1	11	28
	Operator C	-	10	20	9	0	0
		+	0	0	1	12	28
MET 500	Operator A	-	13	14	13	1	0
		+	0	0	0	11	28
	Operator B	-	13	14	12	0	0
		+	0	0	1	12	28
	Operator C	-	13	14	11	1	0
		+	0	0	2	11	28
MET 1000	Operator A	-	13	16	11	1	0
		+	0	0	0	14	25
	Operator B	-	13	16	11	1	0
		+	0	0	0	14	25
	Operator C	-	13	16	11	1	0
		+	0	0	0	14	25
MOR 300	Operator A	-	12	15	12	0	0
		+	0	0	1	14	26
	Operator B	-	12	15	13	1	0
		+	0	0	0	13	26
	Operator C	-	12	15	13	1	0
		+	0	0	0	13	26
MTD 300	Operator A	-	11	14	15	1	0
		+	0	0	0	12	27
	Operator B	-	11	14	14	0	0
		+	0	0	1	13	27
	Operator C	-	11	14	15	1	0
		+	0	0	0	12	27
OPI 2000	Operator A	-	12	14	14	0	0
		+	0	0	0	18	22
	Operator B	-	12	14	14	1	0
		+	0	0	0	17	22
	Operator C	-	12	14	14	2	0
		+	0	0	0	16	22
OXY 100	Operator A	-	11	15	13	1	0
		+	0	0	1	12	27
	Operator B	-	11	15	13	1	0
		+	0	0	1	12	27
	Operator C	-	11	15	12	1	0
		+	0	0	2	12	27
PCP 25	Operator A	-	13	15	10	0	0
		+	0	0	2	14	26
	Operator B	-	13	15	11	0	0
		+	0	0	1	14	26
	Operator C	-	13	15	11	1	0
		+	0	0	1	13	26
PPX 300	Operator A	-	11	15	13	0	0
		+	0	0	1	13	27
	Operator B	-	11	15	13	0	0
		+	0	0	1	13	27
	Operator C	-	11	15	13	0	0
		+	0	0	1	13	27
TCA 1000	Operator A	-	9	16	14	0	0
		+	0	0	1	14	26
	Operator B	-	9	16	13	0	0
		+	0	0	2	14	26
	Operator C	-	9	16	14	0	0
		+	0	0	1	14	26
THC 20	Operator A	-	13	15	12	2	0
		+	0	0	0	14	24
	Operator B	-	13	15	10	1	0
		+	0	0	2	15	24
	Operator C	-	13	15	11	1	0
		+	0	0	1	15	24
THC 50	Operator A	-	11	17	12	0	0
		+	0	0	0	14	26
	Operator B	-	11	17	12	2	0
		+	0	0	0	12	26
	Operator C	-	11	17	12	1	0
		+	0	0	0	13	26

Specificity and Cross-Reactivity

Specificity was evaluated by testing various concentrations of compounds that structurally related to each drug. The lowest concentration of each compound leading to positive result and the percent cross reactivity of each compound are listed below. If no cross reactivity was observed, the data are shown with > or < symbols.

Drug/Cutoff	Compound	Minimum concentration required to obtain a positive result	% Cross-Reactivity
6AM 10	6-Acetylmorphine	10	100%
	Heroin	25	40%
	Morphine	>100,000	<0.01%
	Normorphine	>100,000	<0.01%
	Nalorphine	>100,000	<0.01%
	Hydrocodone	>100,000	<0.01%
	Hydromorphone	>100,000	<0.01%
	Chlordiazepoxide	>100,000	<0.01%
	Clobazam	>100,000	<0.01%
	D-Amphetamine	>100,000	<0.01%
	(±)-Amphetamine	>100,000	<0.01%
	Levorphanol	>100,000	<0.01%
	Codeine	>100,000	<0.01%
	Ethylmorphine	>100,000	<0.01%
	Morphine3-β-D-glucuronide	>100,000	<0.01%
	Norcodeine	>100,000	<0.01%
	Oxycodone	>100,000	<0.01%
	Oxymorphone	>100,000	<0.01%
	Procaine	>100,000	<0.01%
	Thebaine	>100,000	<0.01%
	6-Acetylcodeine	50,000	0.02%
	Buprenorphine	>10,000	<0.1%
	Dihydrocodeine	>100,000	<0.01%
	Dextromethorphan	>100,000	<0.01%
	Imipramine	>100,000	<0.01%
	Meperidine	>100,000	<0.01%
	(±)-Methadone	>100,000	<0.01%
	Mitragynine(Kratom)	>10,000	<0.1%
	Morphine-6-β-D-glucuronide	>10,000	<0.1%
	Naloxone	>100,000	<0.01%
	Naltrexone	>100,000	<0.01%
	Naproxen	>100,000	<0.01%
	Norbuprenorphine	>10,000	<0.1%
	Norbuprenorphine-3-D-Glucuronide	10,000	0.10%
	Noroxycodone	>100,000	<0.01%
	Noroxymorphone	>10,000	<0.1%
	Norpropoxyphene	>100,000	<0.01%
	Oxymorphone-3β-D-glucuronide	>10,000	<0.1%
	Tapentadol	>100,000	<0.01%
	cis-Tramadol	>100,000	<0.01%
AMP 500	(±)-3,4-Methylenedioxyamphetamine (MDA)	2,000	25%
	(±)-Amphetamine	1,000	50%
	D-Amphetamine	500	100%
	Diethylstilbestrol	>10,000	<5%
	L-Amphetamine	50,000	1%
	Phentermine	15,000	3.33%
	β-Phenylethylamine	>100,000	<0.5%
	Tyramine	>100,000	<0.5%
	p-Hydroxynorephedrine	>100,000	<0.5%
	p-Hydroxyamphetamine	5,000	10%
	D-Methamphetamine	>100,000	<0.5%
	L-Methamphetamine	>100,000	<0.5%
	Ephedrine	>100,000	<0.5%
	(±)-3,4-Methylenedioxymethamphetamine	>100,000	<0.5%
	Phenylpropanolamine (Norephedrine)	>100,000	<0.5%
	Benzphetamine	>100,000	<0.5%
	(1R,2S)-(-)-Ephedrine	>100,000	<0.5%
	L-Epinephrine	>100,000	<0.5%
	D,L-Epinephrine	>100,000	<0.5%
	(±)-3,4-Methylenedioxyethylamphetamine (MDEA)	>100,000	<0.5%
AMP 1000	(±)-3,4-Methylenedioxyamphetamine (MDA)	5,000	20%
	(±)-Amphetamine	2,000	50%
	D-Amphetamine	1,000	100%
	Diethylstilbestrol	>10,000	<10%

	L-Amphetamine	>100,000	<1%
	Phentermine	25,000	4%
	β-Phenylethylamine	>100,000	<1%
	Tyramine	>100,000	<1%
	p-Hydroxynorephedrine	>100,000	<1%
	p-Hydroxyamphetamine	10,000	10%
	D-Methamphetamine	>100,000	<1%
	L-Methamphetamine	>100,000	<1%
	Ephedrine	>100,000	<1%
	(±)-3,4-Methylenedioxymethamphetamine (MDMA)	>100,000	<1%
	Phenylpropanolamine (Norephedrine)	>100,000	<1%
	Benzphetamine	>100,000	<1%
	(1R,2S)-(-)-Ephedrine	>100,000	<1%
	L-Epinephrine	>100,000	<1%
	D,L-Epinephrine	>100,000	<1%
	(±)-3,4-Methylenedioxyethylamphetamine (MDEA)	>100,000	<1%
BAR 300	Alphenal	400	75%
	Amobarbital	500	60%
	Aprobarbital	150	200%
	Barbital	1000	30%
	Butabarbital	70	428.57%
	Butethal	20	1500%
	Cyclopentobarbital	1,000	30%
	Pentobarbital	200	150%
	Phenobarbital	250	120%
	Secobarbital	300	100%
	Butalbital	10,000	3%
BUP 10	Buprenorphine	10	100%
	Buprenorphine -3-D-Glucuronide	20	50%
	Norbuprenorphine	150	6.67%
	Norbuprenorphine glucuronide	500	2%
	Codeine	>100,000	<0.01%
	Nalorphine	>100,000	<0.01%
	Morphine	>100,000	<0.01%
	Oxymorphone	>100,000	<0.01%
	Hydromorphone	>100,000	<0.01%
BZO 300	a-Hydroxyalprazolam	5,000	6%
	Alprazolam	250	120%
	Bromazepam	600	50%
	Chlordiazepoxide	500	60%
	Clobazam	300	100%
	Clonazepam	>100,000	<0.3%
	Clorazepate	500	60%
	Desalkylflurazepam	500	60%
	Diazepam	1,000	30%
	Estazolam	>100,000	<0.3%
	Flunitrazepam	1,000	30%
	Lorazepam	1,000	30%
	Lormetazepam	>100,000	<0.3%
	Midazolam	>100,000	<0.3%
	Nitrazepam	250	120%
	Norchlordiazepoxide	70	428.57%
	Nordiazepam	1,000	30%
	Oxazepam	300	100%
	Oxazepam glucuronide	30	1000%
	Lorazepam glucuronide	100	300%
	Temazepam	200	150%
	Triazolam	5,000	6%
	Demoxepam	25	1200%
	Flurazepam	>100,000	<0.3%
	Delorazepam	>10,000	<3%
COC 150	Benzoylecgonine	150	100%
	Cocaethylene	2,000	7.50%
	Cocaine	>100,000	<0.15%
	Ecgonine	>100,000	<0.15%
	Norcocaine	>100,000	<0.15%
	Ecgonine methyl ester	>100,000	<0.15%
COC 300	Benzoylecgonine	300	100%
	Cocaethylene	3,000	10%
	Cocaine	>100,000	<0.3%
	Ecgonine	>100,000	<0.3%
	Norcocaine	>100,000	<0.3%
	Ecgonine methyl ester	>100,000	<0.3%
EDDP 300	EDDP	300	100%
	Methadone	>100,000	<0.3%
	EMDP	>100,000	<0.3%
	Doxylamine	>100,000	<0.3%
	Disopyramide	>100,000	<0.3%
	LAAM(Levo-alpha-acetylmethadol) hydrochloride	>100,000	<0.3%
	Alpha Methadol	>100,000	<0.3%
FEN 1	Norfentanyl	25,000	0.004%
	Fentanyl	1	100%
	Acetyl fentanyl	3	33.33%
	Acetyl norfentanyl	20,000	0.005%
	(±)-β-Hydroxythiofentanyl	5	20%
	Acryl fentanyl	4	25%
	Butyryl fentanyl	5	20%
	Cyclopropylfentanyl	10	10%
	(±)-cis-3-methyl Fentanyl	1	100%
	Furanyl fentanyl	10	10%
	para-Fluorobutyryl fentanyl (PFBF)	10	10%
	para-Fluorofentanyl	5	20%
	9-Hydroxyrisperidone	>100,000	<0.001%
	Alfentanil	>100,000	<0.001%
	Isobutyryl fentanyl	10	10%
	4-Fluoro-isobutyryl fentanyl	5	20%
	Norcarfentanil	>10,000	<0.01%
	Remifentanil	500	0.20%
	Valeryl fentanyl	10	10%
	Thienyl Fentanyl	30	3.33%
	(±)-trans-3-methyl Fentanyl	5	20%
	Despropionyl fentanyl (4-ANPP)	250	0.4%
	MT-45	50	2%
	Ocfentanil	2	50%
	Risperidone	>100,000	<0.001%
	Sufentanil	20	5%
	Carfentanil	5	20%
	Labetalol	>100,000	<0.001%
	Trazodone	>100,000	<0.001%
	U-47700	>100,000	<0.001%
	ω-1-Hydroxyfentanyl	2	50%
	6-Acetylmorphine	>100,000	<0.001%
	AH-7921 HCL	2,500	0.04%
	Amphetamine	>100,000	<0.001%
	Buprenorphine	>10,000	<0.01%
	Buprenorphine -3-D-Glucuronide	>10,000	<0.01%
	Codeine	>100,000	<0.001%
	Dextromethorphan	>100,000	<0.001%
	Dihydrocodeine	>100,000	<0.001%
	EDDP	>100,000	<0.001%
	EMDP	>100,000	<0.001%
	Fluoxetine	>100,000	<0.001%
	Heroin	>100,000	<0.001%
	Hydrocodone	>100,000	<0.001%
	Hydromorphone	>100,000	<0.001%
	Isotonitazene	>100,000	<0.001%
	Ketamine	>100,000	<0.001%
	Levorphanol	>100,000	<0.001%

	Meperidine	>100,000	<0.001%
	Methadone	>100,000	<0.001%
	Morphine	>100,000	<0.001%
	Morphine-3-β-D-glucuronide	>100,000	<0.001%
	Naloxone	>100,000	<0.001%
	Naltrexone	>100,000	<0.001%
	Norbuprenorphine	5,000	0.02%
	Norcodeine	>100,000	<0.001%
	Norketamine	>100,000	<0.001%
	Normeperidine	>100,000	<0.001%
	Normorphine	>100,000	<0.001%
	Noroxycodone	>100,000	<0.001%
	Oxycodone	>100,000	<0.001%
	Oxymorphone	>100,000	<0.001%
	Pentazocine (Talwin)	80,000	<0.00125%
	Pipamperone	5,000	0.02%
	Tapentadol	>100,000	<0.001%
	Thioridazine	>100,000	<0.001%
	Tilidine	>100,000	<0.001%
	cis-Tramadol	>100,000	<0.001%
	O-Desmethyl-cis-tramadol	80,000	0.00125%
	N-Desmethyl-cis-tramadol	>100,000	<0.001%
FEN 5	Norfentanyl	5	100%
	Fentanyl	10,000	0.05%
	Acetyl fentanyl	>10,000	<0.05%
	Acetyl norfentanyl	200	2.5%
	(±)-β-Hydroxythiofentanyl	>10,000	<0.05%
	Acryl fentanyl	>10,000	<0.05%
	Butyryl fentanyl	>10,000	<0.05%
	Cyclopropylfentanyl	>10,000	<0.05%
	(±)-cis-3-methyl Fentanyl	>10,000	<0.05%
	Furanyl fentanyl	>10,000	<0.05%
	para-Fluorobutyryl fentanyl (PFBF)	10,000	0.05%
	para-Fluorofentanyl	>10,000	<0.05%
	9-Hydroxyrisperidone	>100,000	<0.005%
	Alfentanil	5,000	0.1%
	Isobutyryl fentanyl	>100,000	<0.005%
	4-Fluoro-isobutyryl fentanyl	>100,000	<0.005%
	Norcarfentail	>10,000	<0.05%
	Remifentanil	>10,000	<0.05%
	Valeryl fentanyl	>10,000	<0.05%
	Thienyl Fentanyl	>100,000	<0.005%
	(±)-trans-3-methyl Fentanyl	>10,000	<0.05%
	Despropionyl fentanyl (4-ANPP)	>10,000	<0.05%
	MT-45	>100,000	<0.005%
	Ocfentanil	>10,000	<0.05%
	Risperidone	>100,000	<0.005%
	Sufentanil	>10,000	<0.05%
	Carfentanil	>10,000	<0.05%
	Labetalol	>100,000	<0.005%
	Trazodone	>100,000	<0.005%
	U-47700	>100,000	<0.005%
	ω-1-Hydroxyfentanyl	>100,000	<0.005%
	6-Acetylmorphine	>100,000	<0.005%
	AH-7921 HCL	>100,000	<0.005%
	Amphetamine	>100,000	<0.005%
	Buprenorphine	>10,000	<0.05%
	Buprenorphine -3-D-Glucuronide	>10,000	<0.05%
	Codeine	>100,000	<0.005%
	Dextromethorphan	>100,000	<0.005%
	Dihydrocodeine	>100,000	<0.005%
	EDDP	>100,000	<0.005%
	EMDP	>100,000	<0.005%
	Fluoxetine	>100,000	<0.005%
	Heroin	>100,000	<0.005%

	Hydrocodone	>100,000	<0.005%
	Hydromorphone	>100,000	<0.005%
	Isotonitazene	>100,000	<0.005%
	Ketamine	>100,000	<0.005%
	Levorphanol	>100,000	<0.005%
	Meperidine	>100,000	<0.005%
	Methadone	>100,000	<0.005%
	Morphine	>100,000	<0.005%
	Morphine-3-β-D-glucuronide	>100,000	<0.005%
	Naloxone	>100,000	<0.005%
	Naltrexone	>100,000	<0.005%
	Norbuprenorphine	>100,000	<0.005%
	Norcodeine	>100,000	<0.005%
	Norketamine	>100,000	<0.005%
	Normeperidine	>100,000	<0.005%
	Normorphine	>100,000	<0.005%
	Noroxycodone	>100,000	<0.005%
	Oxycodone	>100,000	<0.005%
	Oxymorphone	>100,000	<0.005%
	Pentazocine (Talwin)	>100,000	<0.005%
	Pipamperone	>100,000	<0.005%
	Tapentadol	>100,000	<0.005%
	Thioridazine	>100,000	<0.005%
	Tilidine	>100,000	<0.005%
	cis-Tramadol	>100,000	<0.005%
	O-Desmethyl-cis-tramadol	>100,000	<0.005%
	N-Desmethyl-cis-tramadol	>100,000	<0.005%
MDMA 500	(±)-3,4-Methylenedioxyethylamphetamine (MDEA)	500	100%
	(±)-3,4-Methylenedioxyamphetamine (MDA)	5,000	10%
	(±)-3,4-Methylenedioxymethamphetamine (MDMA)	500	100%
	L-Methamphetamine	>100,000	<0.5%
	7-Aminoclonazepam	>100,000	<0.5%
	D-Methamphetamine	>100,000	<0.5%
	D-Amphetamine	>100,000	<0.5%
	L-Amphetamine	>100,000	<0.5%
MET 500	(±)-3,4-Methylenedioxyethylamphetamine (MDEA)	30,000	1.67%
	(±)-3,4-Methylenedioxymethamphetamine (MDMA)	5,000	10%
	D-Methamphetamine	500	100%
	L-Methamphetamine	15,000	3.33%
	Fenfluramine	>100,000	<0.5%
	p-Hydroxymethamphetamine	3,000	16.67%
	(±)-Methamphetamine	500	100%
	β-Phenylethylamine	>100,000	<0.5%
	Mephetermine	10,000	5%
	Methoxyphenamine	>100,000	<0.5%
	L-Amphetamine	>100,000	<0.5%
	D-Amphetamine	>100,000	<0.5%
	(±)-Amphetamine	>100,000	<0.5%
	Chloroquine	>100,000	<0.5%
	Ephedrine	>100,000	<0.5%
	(±)-3,4-Methylenedioxyamphetamine (MDA)	>100,000	<0.5%
	Trimethobenzamide	>100,000	<0.5%
	l-phenylephrine	>100,000	<0.5%
	(1R,2S)-(-)-Ephedrine	>100,000	<0.5%
	Procaine	>100,000	<0.5%
MET 1000	(±)-3,4-Methylenedioxyethylamphetamine (MDEA)	>100,000	<1%
	(±)-3,4-Methylenedioxymethamphetamine (MDMA)	10,000	10%
	D-Methamphetamine	1,000	100%

	L-Methamphetamine	25,000	4%
	Fenfluramine	>100,000	<1%
	p-Hydroxymethamphetamine	5,000	20%
	(±)-Methamphetamine	2,000	50%
	β-Phenylethylamine	>100,000	<1%
	Mephetermine	30,000	3.33%
	Methoxyphenamine	>100,000	<1%
	L-Amphetamine	>100,000	<1%
	D-Amphetamine	>100,000	<1%
	(±)-Amphetamine	>100,000	<1%
	Chloroquine	>100,000	<1%
	Ephedrine	>100,000	<1%
	(±)-3,4-Methylenedioxyamphetamine (MDA)	>100,000	<1%
	Trimethobenzamide	>100,000	<1%
	l-phenylephrine	>100,000	<1%
	(1R,2S)-(-)-Ephedrine	>100,000	<1%
	Procaine	>100,000	<1%
MOR 300	6-Acetylmorphine	500	60%
	Codeine	250	120%
	Dihydrocodeine	500	60%
	Ethylmorphine	300	100%
	Heroin	500	60%
	Hydrocodone	500	60%
	Hydromorphone	500	60%
	Levorphanol	5,000	6%
	Morphine	300	100%
	Nalorphine	3,000	10%
	Thebaine	>100,000	<0.3%
	Morphine-3-β-d-glucuronide	300	100%
	Codeine-6-β-D-glucuronide	250	120%
	Morphine-6-β-D-glucuronide	5,000	6%
	6-Acetylcodeine	1,000	30%
	Normorphine	>100,000	<0.3%
	Oxycodone	>100,000	<0.3%
	Oxymorphone	50,000	0.6%
	Norcodeine	>100,000	<0.3%
	Procaine	>100,000	<0.3%
	Norpropoxyphene	>100,000	<0.3%
MTD 300	(±)-Methadone	300	100%
	EDDP	>100,000	<0.3%
	EMDP	>100,000	<0.3%
	LAAM (Levo-alpha-acetylmethadol)	10,000	3%
	Alpha Methadol	100	300%
	Doxylamine	50,000	0.6%
OPI 2000	6-Acetylmorphine	10,000	20%
	Codeine	10,000	20%
	Dihydrocodeine	10,000	20%
	Ethylmorphine	5,000	40%
	Heroin	20,000	10%
	Hydrocodone	25,000	8%
	Hydromorphone	25,000	8%
	Levorphanol	>100,000	<2%
	Morphine	2,000	100%
	Nalorphine	>100,000	<2%
	Thebaine	>100,000	<2%
	Morphine-3-β-d-glucuronide	50,000	4%
	Codeine-6-β-D-glucuronide	2,500	80%
	Morphine-6-β-D-glucuronide	500	400%
	6-Acetylcodeine	10,000	20%
	Normorphine	>100,000	<2%
	Oxycodone	>100,000	<2%
	Oxymorphone	>100,000	<2%
	Norcodeine	>100,000	<2%
	Procaine	>100,000	<2%
	Norpropoxyphene	>100,000	<2%

OXY 100	Hydrocodone	20,000	0.5%
	Hydromorphone	25,000	0.4%
	Levorphanol	50,000	0.2%
	Naloxone	30,000	0.33%
	Naltrexone	20,000	0.5%
	Oxycodone	100	100%
	Oxymorphone	200	50%
	Oxymorphone-3β-D-glucuronide	750	13.33%
	Noroxycodone	2,500	4%
	Noroxymorphone	1,000	10%
	Dihydrocodeine	>100,000	<0.1%
	Codeine	>100,000	<0.1%
	Morphine	>100,000	<0.1%
	Buprenorphine	>10,000	<0.1%
	Ethylmorphine	>100,000	<0.1%
	Thebaine	>100,000	<0.1%
	6-Acetylmorphine	>100,000	<0.1%
PCP 25	Phencyclidine	25	100%
	4-Hydroxyphencyclidine	>100,000	<0.025%
PPX 300	Norpropoxyphene	500	60%
	Propoxyphene	300	100%
TCA 1000	Amitriptyline	10,000	10%
	Chlorpheniramine	>100,000	<1%
	Clomipramine	50,000	2%
	Cyclobenzaprine	>100,000	<1%
	Desipramine	500	200%
	Doxepine	10,000	10%
	Duloxetine	>100,000	<1%
	Imipramine	50,000	2%
	Norclomipramine	>100,000	<1%
	Nordoxepin	5,000	20%
	Nortriptyline	1,000	100%
	Promazine	10,000	10%
	Trimipramine	10,000	10%
	Maprotiline	5,000	20%
	Promethazine	>100,000	<1%
THC 20	(-)-11-nor-Δ^8-THC -9-COOH	50	40%
	(-)-11-nor-9-carboxy-Δ^9-THC	20	100%
	(±)-11-nor-9-carboxy-Δ9-THC	50	40%
	11-nor-Δ^9-THC-carboxy glucuronide	5,000	0.4%
	Δ^8-THC	8,000	0.25%
	Δ^9-THC	>10,000	<0.2%
	Cannabinol	>10,000	<0.2%
	Cannabidiol	>100,000	<0.02%
	(±)-11-hydroxy-Δ^9-THC	8,000	0.25%
THC 50	(-)-11-nor-Δ^8-THC -9-COOH	70	71.43%
	(-)-11-nor-9-carboxy-Δ^9-THC	50	100%
	(±)-11-nor-9-carboxy-Δ9-THC	150	33.33%
	11-nor-Δ^9-THC-carboxy glucuronide	7,500	66.67%
	Δ^8-THC	10,000	0.5%
	Δ^9-THC	>10,000	<0.5%
	Cannabinol	>10,000	<0.5%
	Cannabidiol	>100,000	<0.05%
	(±)-11-hydroxy-Δ^9-THC	10,000	0.5%

Interference Substance

Potential interfering substances that could be found in human urine under physiological and pathological conditions compounds were added to drug-free urine and to urine samples containing the target drugs at 50% below and 50% above each corresponding cutoff. These urine samples were tested in triplicates with 3 lots of Identify® Health Drug Screen Test Cup. Compounds that showed no interference at a concentration of 100 µg/ml are listed in the following table.

(-) Cotinine	Conjugated Estrogens	LAAM (except MTD test)	Phenobarbital (except BAR test)
7-Aminoclonazepam	Cortisone	Labetalol	Phentermine (except AMP test)
7-Aminoflunitrazepam	Creatine	Lamotrigine	Phenylpropanolamine
7-Aminonitrazepam	Creatinine	L-Ephedrine	Prednisone

Acetaminophen	Cyclobenzaprine	L-Epinephrine	Pregabalin
Acetone (1000 mg/dL)	Cyproheptadine	Levofloxacin	Procaine
Acetophenetidin	D,L-Epinephrine	Levonorgestrel	Promazine (except TCA test)
Acyclovir	D,L-Isoproterenol	Levothyroxine sodium	Promethazine
Albumin (100mg/dL)	D,L-Lorazepam (except BZO test)	Lidocaine	Propoxyphene (except PPX test)
Albuterol	D,L-Octopamine	Lisinopril	Propranolol
Alpha Methadol (except MTD test)	D,L-Propranolol	Loperamide	Pseudoephedrine
Aminophylline	D,L-Tryptophan	Loratidine	Pyridoxine
Aminopyrine	D,L-Tyrosine	Lorazepam Glucuronide (except BZO test)	Pyrilamine
Amitriptyline (except TCA test)	Delorazepam (10ug/mL)	L-phenylephrine	Pyrogallol
Amlodipine	Demoxepam (except BZO test)	LSD	Quetiapine
Amobarbital (except BAR test)	Deoxycorticosterone	Maprotiline (except TCA test)	Quinidine
Amoxicillin	Desloratadine	Meperidine	Quinine
Ampicillin	Desipramine (except TCA test)	Meprobamate	Quinolinic Acid
Apomorphine	Dextromethorphan	Metformin	Ranitidine
Aripiprazole	Diclofenac	Methapyrilene	Riboflavin
Ascorbic acid (Vitamin C)	Diclofenac sodium	Methaqualone	Rifampicin
Aspartame	Diflunisal	Methoxyphenamine	Risperidone
Aspirin (Acetylsalicylic acid)	Digoxin	Methylphenidate	Salicylic acid
Atomoxetine	Diphenhydramine	Metoprolol	Secobarbital (except BAR test)
Atorvastatin Calcium	Diphenylhydantoin	Metronidazole	Serotonin (5- Hydroxytyramine)
Atropine	Disopyramide	Mifepristone	Sertraline
Azithromycin	Dopamine (3-Hydroxytyramine)	N-Acetylprocainamide	Sildenafil Citrate
Baclofen	Doxepine (except TCA test)	NaCl (4000 mg/dL)	Simvastatin
Benzilic acid	Doxylamine (except MTD test)	Nalidixic acid	Sodium Azide
Benzocaine	Duloxetine	Naloxone (except OXY test)	Sulfamethazine
Benzoic acid	Ecgonine methyl ester	Naltrexone (except OXY test)	Sulindac
Benzoylecgonine (except COC test)	EMDP	Naproxen	Telmisartan
Benzphetamine	Ephedrine	N-desmethyl Tapentadol	Tetracycline
Benzylpiperiazine	Erythromycin	Nicotine	Tetrahydrocortisone 3-(β-Dglucuronide)
Bilirubin	Esomeprazole Magnesium	Nicotinamide (Niacinamide)	Tetrahydrocortisone, 3-acetate
Boric Acid (1%)	Estrone	Nicotinic Acid	Tetrahydrozoline
4-Bromo-2,5-dimethoxyphenethylamine	Ethanol (1%)	Nifedipine	(-)-11-nor-9-carboxy-Δ^9-THC (except THC test)
Brompheniramine	Fenfluramine	Nitroglycerin	Theophylline
Bupropion	Fenofibrate	Nordoxepin (except TCA test)	Thiamine
Caffeine	Fenoprofen	Norethindrone	Thioridazine
Cannabidiol	Fentanyl (except FEN1 and FEN5 tests)	Norfentanyl (except FEN1 and FEN5 tests)	Tramadol
Captopril	Fluoxetine	Norpropoxyphene (except PPX test)	Trazodone
Carbamazepine	Fluphenazine	Norpseudoephedrine	Triamterene
Carfentanil (10ug/mL) (except FEN1 test)	Fotemustine	Nortriptyline (except TCA test)	Trifluoperazine
Carisoprodol	Furosemide	Noscapine	Trifluoromethylphenyl-piperazine
Cefradine	Gabapentin	O-Hydroxyhippuric acid	Trimethobenzamide
Cephalexin	Galactose	Olanzapine	Trimethoprim
Cetirizine	Gatifloxacin	Omeprazole	Tryptamine
Chloral hydrate	Gemfibrozil	Oxalic acid (100mg/dL)	Tyramine
Chloramphenicol	Gentisic acid	Oxazepam (except BZO test)	Urea (2000 mg/dL)
Chlordiazepoxide (except BZO test)	D-(+)-Glucose (3000 mg/dL)	Oxazepam Glucuronide (except BZO test)	Uric acid
Chloroquine	Guaiacolglyceryl ether	Oxolinic acid	Valproic acid (250 µg/mL)
Chlorothiazide	Hemoglobin	Oxymetazoline	Venlafaxine
Chlorpheniramine	Hexobarbital	Paliperidone	Verapamil
Chlorpromazine	Hydralazine	Papaverine	Vitamin B2
Cholesterol	Hydrochlorothiazide	Penicillin-G	Zaleplon
Ciprofloxacin	Hydrocortisone	PenicillinV Potassium	Zolpidem
Citalopram	Hydroxybutyric Acid	Perphenazine	Zomepirac
Clarithromycin	Ibuprofen	Phenacetin	β-Estradiol
Clofibrate	Imipramine (except TCA test)	Phencyclidine (except PCP test)	γ-Cyclodextrin
Clomipramine (except TCA test)	Isoxsuprine	Phenelzine	γ-Globulin (500mg/dL)
Clonidine	Ketamine	Pheniramine	L-thyroxine
Clozapine	Ketoprofen	Phenylethylamine	Magnesium Chloride

Effect of Urinary pH and Specific Gravity

Interference by pH and specific gravity were also evaluated using pooled urine specimens with concentrations of 0 (drug-free), at 50% below and 50% above each corresponding cutoff. The results demonstrated that pH levels of 4 to 9 and specific gravity levels of 1.000 to 1.035 do not affect the results of the assays.

Index of Symbols

	Consult Instruction for use	Σ	Contains sufficient for <n> tests	2°C (35.6°F) (86°F) 30°C	Store between 2-30°C
IVD	For in vitro diagnostic use only		Use by	2	Do not reuse
	Do not use if package is damaged	LOT	Lot Number	REF	Catalog #

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