



HOME DRUG TEST

## Product Instructions

- First Check® Home Drug Tests offer a variety of solutions for fast, accurate and reliable drug testing in the privacy of your own home. This test can detect the possible use of up to 7 illicit and 7 prescription drugs.
- This test provides only preliminary results and is the first step in a two-step process for identifying drugs in urine.
- The second step is confirming the results with Gas Chromatography-Mass Spectrometry (GC-MS) or Liquid Chromatography-Tandem Mass Spectrometry (LC-MS/MS) at our certified laboratory.
- To confirm preliminary positive results obtained by the First Check® Home Drug Test Kit, use the included mailer and follow steps outlined in these instructions. There is no cost to utilize our lab to confirm preliminary positive results of the drugs included in the lid.

### BEFORE YOU TEST

- Read these instructions completely.
- Have a watch, clock or timer available.
- Do Not Open the Test Lid until you are ready to perform the test.
- **Do not use test if it is beyond the expiration date printed on the pouch. Do not use test if the pouch is torn or punctured.**
- The test is for one time use only. It is not reusable.
- Certain foods or medications may cause the test to give false results.
- Contaminated or tainted urine sample may give false results.
- Do not use this test if you are color-blind.

### TESTING MATERIALS

The following materials are for testing an individual urine sample in your home:

- Test Lid (in foil pouch)
- Collection Cup
- Product Instructions

Set aside these items, you will only need these if you ship the sample for confidential confirmatory lab testing:

- Pre-addressed Mailing box
- Plastic Transportation Bag
- Identification Label

### STORAGE

Store the First Check Home Drug Test at room temperature 59°F to 86°F (15°C to 30°C).

### WHEN YOU ARE READY TO TEST FOLLOW THESE STEPS:

#### Step 1: Prepare the Test

- Collect fresh urine in the Collection Cup. Make sure the urine is **above the minimum urine level line**.
- Open foil pouch. Remove Test Lid from pouch. Discard desiccant.



#### Step 3: Activate the Test

Tilt the cup on its legs to activate the test. You can read your test results at 5 minutes, but do not read them after 8 minutes.

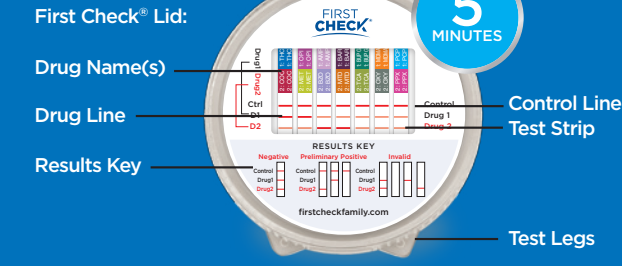


#### Step 2: Screw on the Lid

Twist the lid onto the cup. The cup lid must be closed tightly. **IMPORTANT: Cup lid must be secured tightly by twisting it a quarter turn AFTER lid is snug.**

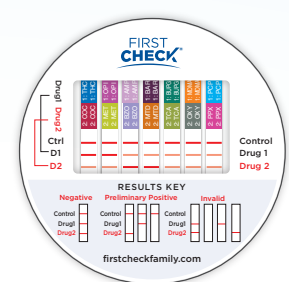


NOTE: Urine may contain infectious diseases, always wash your hands with soap and water after handling sample.



### UNDERSTANDING YOUR TEST - INTERPRETATION OF RESULTS

The complete First Check® Home Drug Test kit tests for 14 drugs, 7 illicit and 7 prescription. The Test Lid has 7 Test Strips in total. Each has 2 Drug Names per Test Strip. They will be identified as Drug 1 and Drug 2.



#### 14 Drugs Tested:

- 7 Illicit: Marijuana (THC), Cocaine (COC), Opiates (heroin) (OPI), Methamphetamine (MET), Ecstasy (MDMA), Amphetamines (AMP), Phencyclidine (PCP)

#### 7 Prescription:

- Tricyclic Antidepressants (TCA), Barbiturates (BAR), Benzodiazepines (BZO), Methadone (MTD), Oxycodone (OXY), Buprenorphine (BUPG), Propoxyphene (PPX)

Each strip contains two drug tests. The Ctrl region shows validity of a test result. The D1 region shows the result for Drug 1. The D2 region shows the result for Drug 2.

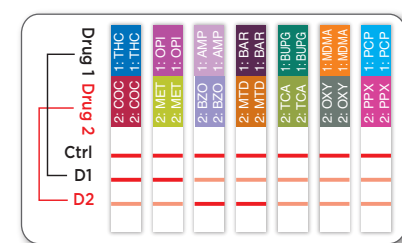
#### For Ctrl (Control) region:

The appearance of a line indicates a valid result. No line means an Invalid result. If a test strip does not have a line in the Ctrl region, test results are invalid for both D1 and D2 on that strip.

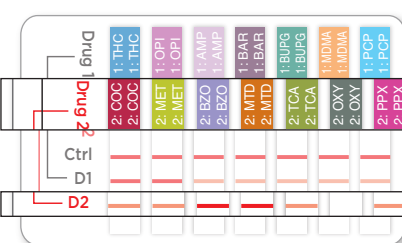
#### For D1 (Drug 1) and D2 (Drug 2) regions:

The appearance of a line indicates a **Negative** result. Note: Any test line, even a very faint test line, is considered a negative result.

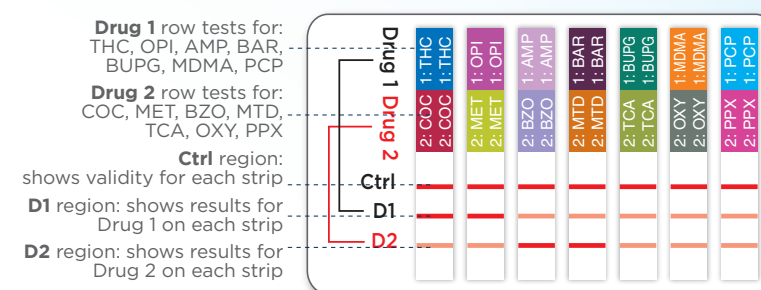
No line indicates a **Preliminary Positive** result. Note: Any urine with preliminary positive results should be sent to a laboratory for confirmation.



Example #1: There is a line appearing in both D1 and D2 regions on all test strips. Therefore, it is **Negative** for all tests.



Example #3: There is no line appearing in the D2 region on the sixth test strip. Therefore, it is **Preliminary Positive** for OXY test. All other tests are **Negative**.



#### Drug 1 row tests for:

- THC, OPI, AMP, BAR, BUPG, MDMA, PCP

#### Drug 2 row tests for:

- COC, MET, BZO, MTD, TCA, OXY, PPX

#### Ctrl region:

shows validity for each strip

D1 region: shows results for Drug 1 on each strip

D2 region: shows results for Drug 2 on each strip

Example #2: There is no line appearing in the D1 region on the first test strip. Therefore, it is **Preliminary Positive** for THC test. All other tests are **Negative**.

Example #4: There is no line appearing in the Ctrl region on the seventh test strip. Therefore, it is **Invalid** for both PCP and PPX tests. All other tests are **Negative**.

NOTE: Any urine with a preliminary positive result should be sent to our laboratory for confirmation using the included mailer box.

### DETECTION LEVELS AND APPROXIMATE DETECTION TIMES

Drug	Test Identifier	Cut-off Level <sup>1</sup>	Minimum Detection Time <sup>2</sup>	Maximum Detection Time <sup>2</sup>
Marijuana	THC	50 ng/ml	1-3 hours	1-7 days
Cocaine	COC	150 ng/ml	2-6 hours	2-3 days
Opiates	OPI	300 ng/ml	2-6 hours	1-3 days
Methamphetamine	MET	500 ng/ml	4-6 hours	2-3 days
Amphetamine	AMP	500 ng/ml	4-6 hours	2-3 days
Ecstasy	MDMA	500 ng/ml	2-7 hours	2-4 days
Phencyclidine	PCP	25 ng/ml	4-6 hours	7-14 days
Propoxyphene	PPX	300 ng/ml	2-8 hours	2-7 days
Benzodiazepines	BZO	300 ng/ml	2-7 hours	1-4 days
Barbiturates	BAR	300 ng/ml	2-4 hours	1-3 weeks
Methadone	MTD	300 ng/ml	3-8 hours	1-3 days
Buprenorphine	BUPG	10 ng/ml	2-7 hours	1-6 days
Tricyclic Antidepressants	TCA	1000 ng/ml	8-12 hours	2-7 days
Oxycodone	OXY	100 ng/ml	1-3 hours	1-2 days

<sup>1</sup>Cut-off level is the lowest drug concentration in the urine that can be detected by the First Check® 14 Drug Home Test Kit.  
<sup>2</sup>Drug clearance rates are dependent on many factors such as frequency of drug use, the amount of drug taken, metabolism rates, and even body fat content.

### SHIPPING YOUR FIRST CHECK® SAMPLE TO THE LAB

#### PROCEDURE FOR CONFIRMATION

We recommend all Preliminary Positive Results be sent to our laboratory for free confidential confirmatory testing. Gas chromatography/mass spectrometry (GC/MS) is considered the gold standard in laboratory testing for most drugs.

The following materials may be used to send an individual urine sample to a laboratory for confirmation testing and are included in the kit.

- ✓ Pre-addressed Mailing Box
- ✓ Plastic Transportation Bag
- ✓ Identification Label

#### Step 1: Attach Identification Label

Make sure the lid is twisted tightly. Attach the Top portion of the Identification Label (with bar code) to the Collection Cup, and place a check mark in the box for the drug(s) that gave a Preliminary Positive Result. Attach the lower portion of the Identification Label to the designated location on this sheet and store in a safe place.



**IMPORTANT:** without this Identification Label, we will be unable to test your sample. You will need this number to retrieve your confidential results.

#### Step 2: Place Test in Bag

Place the labeled First Check Drug Test into the Plastic Transportation Bag and seal the bag.

#### Step 3: Place Test in Box

Place the specimen into the Pre-Addressed Mailer Box and secure it with Packing Tape. Samples should be sent within 24 hours of collection.

NOTE: You will need to pay for postage to mail your sample to the Lab. Some shipping locations may require you to place specimen into another shipping box and affix a Mailing Label. Drop the shipping box with POSTAGE PAID into any mailbox.

#### RETRIEVING YOUR CONFIDENTIAL LABORATORY RESULTS

- Results will be ready in 5 to 7 days after the sample is received in our Laboratory.
- Call 1-888-788-5716 or visit [www.firstcheckfamily.com](http://www.firstcheckfamily.com) and go to the Lab Results tab.
- You will need the identification number to access the confirmation result.
- Results are available 24/7 once they have been processed via either of the above retrieval methods.

### QUESTIONS AND ANSWERS

#### 1 The Drug Line is lighter than the Control Line. Does this mean some drug is present?

No. Any line next to the word Drug (or D), no matter how dark or light, is considered a **Negative Result** and no further testing is required. It is possible that the intensity of the lines will vary among the drugs being tested for due to a variety of reasons such as: how diluted the urine is, the pH or protein level of the urine, or interference from a metabolite in the urine that closely resembles the drug. Keep in mind that no matter how faint the Drug line, it is still considered a **Negative Result**.

#### 2 What is meant by a Preliminary Positive Result?

The First Check® Home Drug Test is considered a "screening test". We recommend all preliminary Positive Results be sent to our laboratory for free confidential confirmatory testing. Gas chromatography/mass spectrometry (GC-MS) and liquid chromatography-tandem mass spectrometry (LC-MS/MS) is considered the gold standard in laboratory testing for most drugs.

### QUESTIONS AND ANSWERS (continued)

#### 3 How do I know if the First Check® Home Drug Test worked properly? What if I am unsure of the result?

The test is working properly as long as a red or pink colored line appears next to the word Control (or Ctrl). The result is **Negative** when a test or pink colored line appears next to the word Drug. The result is **Preliminary Positive** when **NO** line appears next to the word Drug.

If you have questions about your results call 1-888-788-5716 to speak with one of our First Check representatives. If you are unsure about your results please re-test using a new First Check® Home Drug Test.

#### 4 How soon can I read my results?

You can read your results after 5 minutes as long as a red or pink colored line has appeared next to the word Control (or Ctrl). Disregard results after 8 minutes.

#### 5 When is the best time to test?

Use first morning urine when possible as it tends to be the most concentrated urine of the day, making it best for detecting any drugs that may be in the system. However, First Check® Home Drug Test may be used any time of day.

#### 6 Are there any factors that can affect the test result?

The test will only give accurate results on fresh human urine samples. Old or diluted urine samples may not be suitable for testing.

Certain foods and over-the-counter medications or prescription drugs may cross-react with the First Check® Home Drug Test and cause a Preliminary Positive Result.

If you are testing someone else, keep in mind that First Check® Home Drug Tests are only as accurate as the urine sample being tested. Samples can be "adulterated" (i.e. contaminated or tampered with) using household products such as bleach or other liquids, leading to a false result. It is best that you closely supervise the entire sample collection process.

The First Check® Home Drug Test provides a screening result only; and is not designed to determine the actual concentration of a drug, the level of intoxication, nor is it to be used for legal purposes.

#### LIMITATIONS OF THE TEST

- The assay is designed for use with human urine only.
- Positive results indicate the presence of drug/metabolites only and do not indicate or measure intoxication.
- There is a possibility that technical or procedural errors as well as other substances in certain foods and medication may interfere with the test and cause false results.
- A positive drug result does not indicate the frequency or time of drug use, nor does it distinguish between drugs and certain foods and/or medications.
- If it is suspected that the sample may have been tampered with, a new specimen should be collected.

### HELP AND SUPPORT - for information purposes only.



Visit us at [www.firstcheckfamily.com](http://www.firstcheckfamily.com) to learn more about First Check® products and events.

#### Questions? Our professional staff is available to assist you.

Call our toll-free Help Line at 1-888-788-5716  
M-F 8:30am-5:00pm Eastern Time.



Empowering and educating youth, families and communities with the knowledge and courage to identify and prevent negative youth behavior including substance use and abuse.

Other Websites for Information:

Substance Abuse and Mental Health Services Administration: <http://www.samhsa.gov>

National Institute on Drug Abuse: <http://www.drugabuse.gov>

Community Anti-Drug Coalitions of America: <http://www.cadca.org>

If positive results are confirmed, please contact your doctor or healthcare professional to discuss options for treating substance abuse.

For in vitro diagnostic use only, not for internal use. One time use only - do not reuse test. Store at 59°F to 86°F (15°C to 30°C). Do not freeze. Manufactured for First Check Diagnostics, LLC, Waltham, MA 02453.  
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P/N: 002662-11/18

18 in

25 in

INVERNESS TRACKER # 3510  
FIRST CHECK 01.15.2018

14 DRUG TEST INSERT  
P/N 002662-11/18

ROUND 4 MBD. uniquely qualified.

PRINTED COLORS	NON-PRINTED COLORS
CYAN	8" x 25" DELINE
MAGENTA	
YELLOW	SUBSTRATE
BLACK	
	PDF (IN)
	NET WT (H)
	LPC SIZE

## FOR PROFESSIONAL USE

**First Check® Home Drug Test is used in professional and clinical settings. The following information and instructions are for Professional Use Only. Please refer to the reverse side of this page to reference instructions for Home Use.**

### For in vitro diagnostic use INTENDED USE

The First Check® Home Drug Test is a screening test for the rapid qualitative detection of multiple drugs and/or drug metabolites in human urine at or above the following cutoff concentrations:

THC	11-nor- $\Delta^9$ -Tetrahydrocannabinol-9-carboxylic acid	50 ng/ml
COC	Benzoyllecgonine	150 ng/ml
OPI	Morphine	300 ng/ml
MET	d-Methamphetamine	500 ng/ml
AMP	d-Amphetamine	500 ng/ml
BZO	Oxazepam	300 ng/ml
BAR	Secobarbital	300 ng/ml
MTD	Methadone	300 ng/ml
BUG	Buprenorphine Glucuronide	10 ng/ml
TCA	Nortriptyline	1000 ng/ml
MDMA	3,4-Methylenedioxymethamphetamine	500 ng/ml
OXY	Oxycodone	100 ng/ml
PCP	Phencyclidine	25 ng/ml
PPX	Propoxyphene	300 ng/ml

This test provides visual qualitative results and is intended for over-the-counter and prescription point-of-care use. The First Check® Home Drug Test is available in multiple drug analyte combinations.

This test provides only preliminary results and is the first step in a two-step process for identifying drugs in urine. The second step is confirming the results at a certified laboratory. To confirm preliminary positive results obtained by the First Check® Home Drug Test, a more specific alternative method such as Gas Chromatography-Mass Spectrometry (GC-MS) or Liquid Chromatography-Tandem Mass Spectrometry (LC-MS/MS) must be used. Clinical consideration and professional judgment must be applied to any drug test result, particularly when a preliminary positive result is indicated.

### TEST PRINCIPLE

The First Check® family of urine drug screen tests is based on the principle of the highly specific immunochemical reactions between antigens and antibodies, which are used for the analysis of specific substances in urine. The First Check® Home Drug Test is based on a competitive immunoassay procedure in which immobilized drug conjugates compete with the drug(s) present in urine for limited binding sites of the antibody conjugated to colloidal gold. If there is drug or drug metabolite in the urine sample, the binding sites of the antibody become saturated and the antibody-colloidal gold conjugate cannot bind to the specific test region. The absence of a color band indicates a positive result for that particular test. If there is no drug or drug metabolite present to compete for the binding sites of the colored colloidal gold conjugate, a visible color band forms at the specific test region indicating a negative result for that particular test. A control band with a different antigen/antibody reaction should always appear regardless of the presence of drug or metabolite.

### SPECIMEN COLLECTION AND HANDLING

Fresh urine does not require any special handling or pretreatment. A fresh urine sample should be collected in the specimen container provided. Urine samples should be tested as soon as possible after collection, preferably within the same day. Specimens that have been refrigerated or frozen must be brought to room temperature and mixed thoroughly prior to testing.

Note: All materials coming into contact with urine specimens should be handled and disposed of as if potentially infectious. Avoid direct contact and follow good laboratory practice.

### QUALITY CONTROL

**Internal control:** The First Check® Home Drug Test has built-in internal procedural controls. The appearance of the control band is considered an internal procedural control. This band should always appear if adequate sample volume is used and the testing procedure is followed. Additionally, the background color should become clear and provide distinct test result. If the control band does not appear then the test is invalid. The test should be repeated using a new device.

**External control:** It is recommended that negative and positive urine controls be used to initially test each new lot of product to ensure proper kit performance. The same assay procedure should be followed with external control materials as with a urine specimen. If external controls do not produce the expected results, do not run test specimens. Follow the proper federal, state and local guidelines when running external controls.

**Quality control testing at regular intervals is a good laboratory practice and may be required by federal, state or local guidelines. Always check with the appropriate licensing or accrediting bodies to ensure that the quality program employed meets the established standards.**

### PERFORMANCE CHARACTERISTICS

#### PRECISION

A study was conducted at two laboratories and one physician office in an effort to determine the precision of the First Check® Home Drug Test over 12 or more consecutive days. Testing was conducted on the Amphetamine, Barbiturates, Benzodiazepines, Buprenorphine, Cocaine, Marijuana, Methamphetamine, Methylenedioxymethamphetamine, Methadone, Opiates, Oxycodone, Phencyclidine, Propoxyphene, and Tricyclic Antidepressants assays by operators using three different lots of product to demonstrate the within-run, between-run and between-operator precision. An identical panel of coded samples, containing drugs at the concentration of  $\pm 50\%$  cut-off level was labeled as a blind and tested at each site. The correlation with expected results was >99% across all lots and sites (with a 95% confidence interval).

#### ACCURACY

The accuracy of the First Check® Home Drug Test was evaluated in comparison to the results from GC-MS or LC-MS analysis. Thirty-six (36) negative drug-free urine samples were collected from volunteer donors and tested with both the First Check® Home Drug Test and the GC-MS or LC-MS method. Of the 36 negative urine samples tested, all were found negative by both methods. Additionally, for each drug test, a minimum of 40 clinical urine samples previously analyzed by GC-MS or LC-MS method with known concentration(s) of drug(s) values were blind labeled and evaluated. The results are summarized in chart.

Drug Test	GC-MS Neg.	GC-MS < 50%	GC-MS 50% to Cutoff	GC-MS > +50%	% Agreement w/ GC-MS	
					Neg (-)	Pos (+)
THC	Pos (+)	0	0	1	6	35
50	Neg (-)	36	2	4	0	0
COC	Pos (+)	0	0	3	3	37
150	Neg (-)	36	0	2	1	0
OPI	Pos (+)	0	0	3	7	34
300	Neg (-)	36	0	1	0	0
MET	Pos (+)	0	0	0	5	67
500	Neg (-)	36	2	4	3	0
AMP	Pos (+)	0	0	2	5	36
500	Neg (-)	36	1	2	0	0
BZO	Pos (+)	0	0	3	4	39
300	Neg (-)	36	0	1	0	0
BAR	Pos (+)	0	0	1	6	33
300	Neg (-)	36	0	3	2	0
MTD	Pos (+)	0	0	0	3	36
300	Neg (-)	36	0	4	1	0
BUG	Pos (+)	0	0	1	4	38
10	Neg (-)	36	0	3	1	0
TCA	Pos (+)	0	0	0	27	11
1000	Neg (-)	36	0	4	3	0
MDMA	Pos (+)	0	0	1	3	40
500	Neg (-)	36	0	3	1	0
OXY	Pos (+)	0	0	2	6	38
100	Neg (-)	36	0	4	0	0
PCP	Pos (+)	0	0	0	3	36
25	Neg (-)	36	0	4	2	0
PPX	Pos (+)	0	0	2	4	36
300	Neg (-)	36	0	2	0	0

### CONSUMER STUDY

A consumer study was conducted to determine the performance of the device when used by untrained, laypersons following only the instructions in the product labeling. A total of 153 participants read a total of 5460 assays during the study and 5228 of those 5460 assays were interpreted correctly. Each assay was tested by these participants using spiked solutions targeted to 0%, 25%, 50%, 75%, 125%, 150%, and 175% of the assay cutoff level. At concentrations  $\leq 50\%$  cutoff and  $\geq 150\%$  cutoff, participants correctly interpreted the assays greater than 99% of the time.

### INTERFERENCE

The following compounds were found not to cross-react when tested at concentrations up to 100  $\mu\text{g/ml}$  (100,000 ng/ml).

Acetaminophen	Tetracycline
Acetone	$\Delta^8$ -THC (except THC assay)
Acetylsalicylic acid (Aspirin)	$\Delta^9$ -THC (except THC assay)
6-Acetylcodine (except MOP & OXY assay)	Alprazolam (except BZO assay)
6-Acetylmorphine (except MOP assay)	Amiripiline (except TCA assay)
Ambacain	Amobarbital (except BAR assay)
Albumin	Amoxycillin
Allobarbitol (except BAR assay)	d-Amphetamine (except AMP assay)
Alphenal (except BAR assay)	l-Amphetamine (except AMP assay)
Aspartame	Ampicillin
Atropine	Apomorphine
Barbital (except BAR assay)	Apromorphanol (except BAR assay)
Benzoic acid	l-Ascorbic Acid (Vitamin C)
Benzoic acid (Ethyl p-Aminobenzoate)	o-Hydroxy Alprazolam (except BZO assay)
Benzoic acid	4-Hydroxy Phencyclidine (except PCP assay)
Benzoyllecgonine (except COC assay)	p-Hydroxymethamphetamine (except MET assay)
Benzphetamine	11-Hydroxy- $\Delta^9$ -THC (except THC assay)
Bilirubin	Ibuprofen
Bromazepam (except BZO assay)	Imipramine (except TCA assay)
d-Brompheniramine	d,l-Isoproterenol
Buprenorphine (except BUG assay)	Ketamine
Butabarbital (except BAR assay)	Lidocaine
Butalbital (except BAR assay)	Lorazepam (except BZO assay)
Butethal (except BAR assay)	Lormetazepam (except BZO assay)
Caffeine	Medazepam (except PCP assay)
Cannabidiol (except THC assay)	Mepredine
Cannabiol (except THC assay)	Metaphit (except PCP assay)
Chloridiazepoxide (except BZO assay)	Methadone (except MTD assay)
Chloroquine	d-Methamphetamine (except MET & MDMA assay)
d,l-Chlorpheniramine	l-Methamphetamine (except MET assay)
Chlorpromazine	Methaqualone
Cholesteryl	Methoxyphenamine
Clobazam (except BZO assay)	(R,2S)-N-Methyl-Ephedrine
Clomipramine (except TCA assay)	2-Methylamine-Propiophenone
Clonazepam (except BZO assay)	d,l-3,4-Methylenedioxyamphetamine (except AMP & MDMA assays)
Cocaine	d,l-3,4-methylenedioxyethylamphetamine (except MET & MDMA assays)
Codine (except MOP & OXY assays)	d,l-3,4-Methylenedioxymethamphetamine (except MET & MDMA assays)
Cortisone	Methylphenidate
l-Cotinine	Morphine (except MOP assay)
Creatine	Morphine-3- $\beta$ -D-Glucuronide (except MOP assay)
Creatinine	Nalidixic acid
Cyclobenzaprine (except TCA assay)	Nalorphine (except for MOP assay)
Delorazepam (except BZO assay)	d-Naproxen
Deoxyprogesterone	Niacinamide
Desipramine (except TCA assay)	Nitrazepam (except BZO assay)
Dextromethorphan	Nordazepam (except BZO assay)
Diazepam (except BZO assay)	Nordoxepin (except TCA assay)
Dihydrocodone (except MOP & OXY assay)	Nicotine, (S)-
4-Dimethylaminopyridine	Norepinephrine
Diphenhydramine	Norethindrone
Dopamine (3-Hydroxytyramine)	Norpropoxyphene (except PPX assay)
Doxepin (except TCA assay)	Nortriptyline (except TCA assay)
Doxylamine (except MTD assay)	Oxalic Acid
Egonine (except COC assay)	Oxazepam (except BZO assay)
Egonine Methyl Ester	Oxolinic acid
l-Epinephrine	Oxycodone (except OXY assay)
d,l-Ephedrine (except MET assay)	Oxymorphone (except OXY assay)
Erythromycin	Papaverine
Estazolam (except BZO assay)	Penicillin-G (Benzylpenicillin)
$\beta$ -Estradiol	Penicillins
Estrone-3-Sulfate	Pentobarbital (except BAR assay)
Ethanol	Perphenazine (except TCA assay)
Ethyl Morphine (except MOP & OXY assay)	Phenazepam (except BZO assay)
Ethyl-p-aminobenzoate	Phencyclidine (except PCP assay)
2-Ethylidene-1,5-Dimethyl-1,3,3-Diphenylpyrrolidone (except MTD assay)	Phencyclidine Morpholine (except PCP assay)
Flunitrazepam (except BZO assay)	Pheniramine (except MOP assay)
Flurazepam (except BZO assay)	Phenobarbital (except BAR assay)
Furosemide	Phenothiazine (Thiodiphenylamine) Phentermine (except AMP assay)
Glucose	Phenylephrine
Gentamicin	$\beta$ -Phenylethylamine (except AMP assay)
Glutathione	Prednisolone
Guaiacol Glyceryl Ether	Praxepam (except BZO assay)
Hemoglobin Heroin (except MOP assay)	Procaine (except MET assay)
Hippuric acid	Promazine (except TCA assay)
Hydrochlorothiazide	Propmethazine
Hydrocodone (except MOP & OXY assays)	Propoxyphene (except PPX assay)
Hydrocortisone	11-nor- $\Delta^8$ -THC-9-Carboxylic Acid (except THC assay)
Hydromorphone (except MOP & OXY assays)	11-nor- $\Delta^9$ -THC-9-Carboxylic Acid (except THC assay)
Protriptyline (except TCA assay)	Thiamine
d-Pseudoephedrine	Thioridazine
Pyridine	Triazolam (except BZO assay)
Quinidine	Trifluoperazine
Quinine	Trimethoprim (except MET assay)
Ranitidine	Trimipramine (except TCA assay)
Riboflavin	Tryptamine
Salicylic acid	d,l-Tryptophan
Secobarbital (except BAR assay)	Uric Acid
Serotonin	Verapamil
Sertraline	Zomepirac
Sodium Chloride	
Sulfamethazine	
Sulindac	
Temazepam (except BZO assay)	

### SPECIFICITY

The specificity for the First Check® Home Drug Test was determined by testing various drugs, drug metabolites, structurally related compounds, and other compounds that are likely to be present in urine. All compounds were prepared in drug-free normal human urine. The effect of specimens with various pH (4.5-9) and specific gravity (1.005-1.030) ranges was also evaluated and found not to interfere with the First Check® Home Drug Test.

The following compounds produced positive results when tested at or above the concentrations listed below. The calibrator for each test is marked with an asterisk (\*).

AMP 500 ng/ml	ng/ml	Compound	ng/ml
Compound	500	d-Amphetamine *	1,000
d-Amphetamine *	500	l-Amphetamine	20,000
l-Amphetamine	20,000	d,l-3,4-MDA	1,500
d,l-3,4-MDA	1,500		
BAR 300 ng/ml	ng/ml	Compound	ng/ml
Compound	1,500	Allobarbitol	300
Allobarbitol	1,500	Alphenal	400
Alphenal	400	Amobarbital	1,500
Amobarbital	1,500	Aprobarbital	400
Aprobarbital	400	Barbital	400
Barbital	400	Butabarbital	400
Butabarbital	400		
BZO 300 ng/ml	ng/ml	Compound	ng/ml
Compound	50	o-Hydroxy Alprazolam	1,500
o-Hydroxy Alprazolam	1,500	Alprazolam	150
Alprazolam	150	Bromazepam	800
Bromazepam	800	Chlordiazepoxide	2,000
Chlordiazepoxide	2,000	Clobazam	200
Clobazam	200	Clonazepam	4,000
Clonazepam	4,000	Delorazepam	6,000
Delorazepam	6,000	Diazepam	150
Diazepam	150	Estazolam	300
Estazolam	300	Flunitrazepam	1,000
Flunitrazepam	1,000	Flurazepam	300
Flurazepam	300		
BUG 10 ng/ml	ng/ml	Compound	ng/ml
Compound	100	Buprenorphine	100
Buprenorphine	100	Buprenorphine Glucuronide *	10
Buprenorphine Glucuronide *	10		
COC 150 ng/ml	ng/ml	Compound	ng/ml
Compound	150	Benzoyllecgonine *	65,000
Benzoyllecgonine *	65,000		
MDMA 500 ng/ml	ng/ml	Compound	ng/ml
Compound	2,000	d,l-3,4-MDMA *	500
d,l-3,4-MDMA *	2,000	d-Methamphetamine	50,000
d-Methamphetamine	50,000		
MET 500 ng/ml	ng/ml	Compound	ng/ml
Compound	10,000	Ephedrine	500
Ephedrine	10,000	p-Hydroxymethamphetamine	1,750
p-Hydroxymethamphetamine	1,750	d,l-3,4-MDMA	1,000
d,l-3,4-MDMA	1,000	d,l-3,4-MDEA	20,000
d,l-3,4-MDEA	20,000		
MTD 300 ng/ml	ng/ml	Compound	ng/ml
Compound	50,000	Doxylamine	300
Doxylamine	50,000	2-Ethylidene-1,5-Dimethyl-1,3,3-Diphenylpyrrolidone	50,000
2-Ethylidene-1,5-Dimethyl-1,3,3-Diphenylpyrrolidone	50,000		
OPI 300 ng/ml	ng/ml	Compound	ng/ml
Compound	500	6-Acetylmorphine	1,000
6-Acetylmorphine	500	6-Acetylcodeine	400
6-Acetylcodeine	400	Codine	300
Codine	300	Dihydrocodone	500
Dihydrocodone	500	Ethylmorphine	300
Ethylmorphine	300	Morphine-3- $\beta$ -D-Glucuronide	500
Morphine-3- $\beta$ -D-Glucuronide	500	Nalorphine	5,000
Nalorphine	5,000		
OXY 100 ng/ml	ng/ml	Compound	ng/ml
Compound	15,000	6-Acetylcodeine	3,000
6-Acetylcodeine	15,000	Codine	100
Codine	5,000	Dihydrocodone	25,000
Dihydrocodone	2,000	Hydrocodone	300
Hydrocodone	300		
PCP 25 ng/ml	ng/ml	Compound	ng/ml
Compound	500	4-Hydroxy Phencyclidine	500
4-Hydroxy Phencyclidine	500	Phencyclidine *	25
Phencyclidine *	25	Phencyclidine Morpholine	50,000
Phencyclidine Morpholine	50,000		
PPX 300 ng/ml	ng/ml	Compound	ng/ml
Compound	300	Propoxyphene *	500
Propoxyphene *	300		
TCA 1000 ng/ml	ng/ml	Compound	ng/ml
Compound	1,000	Amiripiline	1,000
Amiripiline	1,000	Nordoxepin	1,000
Nordoxepin	1,000	Clomipramine	7,500
Clomipramine	7,500	Cyclobenzaprine	1,500
Cyclobenzaprine	1,500	Desipramine	750
Desipramine	750	Doxepin	1,000
Doxepin	1,000	Imipramine	750
Imipramine	750		
THC 50 ng/ml	ng/ml	Compound	ng/ml
Compound	100,000	Cannabidiol	2,500
Cannabidiol	100,000	Cannabinol	50,000
Cannabinol	50,000	11-nor- $\Delta^8$ -THC-9-COOH	7,000
11-nor- $\Delta^8$ -THC-9-COOH	7,000	11-nor- $\Delta^9$ -THC-9-COOH *	10,500
11-nor- $\Delta^9$ -THC-9-COOH *	10,500		

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