

T-Dip® Multi-Drug Urine Test Panel

CLIA WAIVED
Catalogue No. See Box label

CLIA CATEGORIZATION: WAIVED
URINE SCREENING TEST RESULTS AT 5 MINUTES

The T-Dip® Multi-Drug Urine Test Panel is competitive binding, lateral flow immunochromatographic assay for qualitative and simultaneous detection of Amphetamine, Secobarbital, Buprenorphine, Oxazepam, Cocaine, Methylenedioxymethamphetamine, Methamphetamine, Morphine, Methadone, Opiate, Oxycodone, Phencyclidine, Nortriptyline and Cannabinoids in human urine at specified cutoff levels.

Configuration of the T-Dip® Multi-Drug Urine Test Panel can consist of any combination of the above listed drug analytes.

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.

The test is not intended to distinguish between prescription drug or illicit drug use.

Professional judgment should be exercised with any drug test result, particularly when the preliminary result is positive.

The T-Dip® Multi-Drug Urine Test Panel may be combined with the adulteration control (Creatinine (CR), Glutaraldehyde (GLU), Nitrite (NI), pH, Specific Gravity (S.G.), and/or Oxidants (OX)) for the determination of diluted or adulterated urine specimens. The adulteration control is an important pre-screening test for drug-testing. (The adulteration tests are optional, customers can distinguish them from the pouch label).

This package insert applies to the T-Dip® Multi-Drug Urine Test Panel with or without adulteration control. Therefore, some information on the performance characteristics of the product may not be relevant to your test. Please refer to the labels on the pouch and the printing on the test to identify which drugs are included in your test.

For in vitro diagnostic use only. It is intended for over-the-counter and for prescription use.

WHAT IS CLIA WAIVED T-DIP® MULTI-DRUG URINE TEST PANEL?

The T-Dip® Multi-Drug Urine Test Panel is an immunochromatographic assay for the qualitative determination of multiple drugs in human urine. *It is intended for over-the-counter and for prescription use.*

The test is intended for over-the-counter (OTC) use as the first step in a two-step process to provide consumers with information concerning the presence or absence of the above stated drug in a urine specimen. Information regarding confirmatory testing – the second step in the process, along with the materials for shipping a portion of the urine specimen to the laboratory for confirmation testing of a preliminary positive result, the second step in the process, is not provided.

WHAT IS THE CUT-OFF VALUE AND APPROXIMATE DETECTION TIME?

Drug (Identifier)	Calibrator	Cut-off Level	Minimum Detection Time	Maximum Detection Time
Amphetamine (AMP)	d-Amphetamine	1000 ng/mL	2-7 hours	1-2 days
Secobarbital (BAR)	Secobarbital	300 ng/mL	2-4 hours	1-4 days
Buprenorphine (BUP)	Buprenorphine	10 ng/mL	4 hours	1-3 days
Oxazepam (BZO)	Oxazepam	300 ng/mL	2-7 hours	1-2 days
Cocaine (COC)	Benzoyllecgonine	300 ng/mL	1-4 hours	2-4 days
Methylenedioxymethamphetamine (MDMA)	3,4-Methylenedioxymethamphetamine (MDMA)	500 ng/mL	2-7 hours	2-4 days
Methamphetamine (MET/mAMP)	D(+)-Methamphetamine	1000 ng/mL	2-7 hours	2-4 days
Morphine (MOP/OPI300)	Morphine	300 ng/mL	2 hours	2-3 days
Methadone (MTD)	Methadone	300 ng/mL	3-8 hours	1-3 days
Opiate (OPI)	Morphine	2000 ng/mL	2 hours	2-3 days
Oxycodone (OXY)	Oxycodone	100 ng/mL	4 hours	1-3 days
Phencyclidine (PCP)	Phencyclidine	25 ng/mL	4-6 hours	7-14 days

Nortriptyline (TCA)	Nortriptyline	1000 ng/mL	8-12 hours	2-7 days
Cannabinoids (THC)	11-nor- Δ^9 -THC-9-COOH	50 ng/mL	2 hours	Up to 5+ days

WARNINGS AND PRECAUTIONS

- The test kit is for external use only.
- Discard after first use. The test kit cannot be used more than once.
- Do not use the test kit beyond expiration date.
- Do not use the test kit if the pouch is punctured or not well sealed.
- Keep out of the reach of children.

CONTENT OF THE KIT

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

MATERIAL REQUIRED BUT NOT PROVIDED

- Urine collection cup
- Timer or Clock

STORAGE AND STABILITY

Store at 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.

SPECIMEN COLLECTION

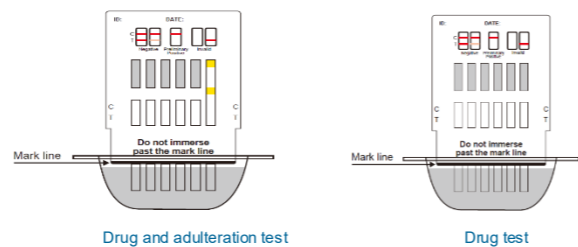
WHEN TO COLLECT URINE FOR THE TEST?

Collect the urine specimen for the test in the minimum detection time after the suspected drug use. Exactly when the urine specimen is collected is very important in detecting any drug. This is because each drug is cleared by the body at different rates. Please refer to the section "WHAT IS THE CUT-OFF VALUE AND APPROXIMATE DETECTION TIME?" in this instruction for use for the minimum/maximum detection time for each drug.

TEST PROCEDURE

Tests should be performed at room temperature 18°C-30°C (65°F-86°F).

- Open the sealed pouch by tearing along the notch. Remove the test device from the pouch.
- Hold one side of the device with one hand. Use the other hand to pull out the cap and expose the absorbent end.
- Immerse the absorbent end into the urine specimen for approximately 10 seconds. **Make sure that the urine level is not above the marked line printed on the front of the device.**
- Re-cap the device and lay it flat on a clean, dry, non-absorbent surface.
- 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. Instruct the donor to provide urine specimen again with another new test device.
- For the drug tests, read the results for the drugs at 5 minutes. **Do not read after 5 minutes.**



Note: Results after more than 5 minutes may be not accurate and should not be read.

READING THE RESULTS

DRUGS TESTS:

Negative (-)

A colored band is visible in each Control Region (C) and the appropriate Test Region (T). It indicates that the concentration of the corresponding drug of that specific test zone is zero or below the detection limit of the test.

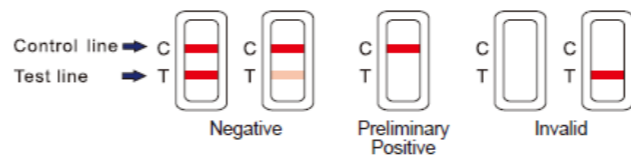
Preliminary Positive (+)

A colored band is visible in each Control Region (C). No colored band appears in the appropriate Test Region (T). It indicates a preliminary positive result for the corresponding drug of that specific test zone.

Invalid

If a colored band is not visible in each of the Control Region (C) or a colored band is only visible in the Test Region (T), the test is invalid. Another test should be run to re-evaluate the specimen. If the new test still provides an invalid result, please contact the distributor from whom you purchased the product. When calling, be sure to provide the lot number of the test.

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



The preliminary positive test result does not always mean that a person took illegal drugs. The negative test result does not always mean that a person did not take illegal drugs. There could be a number of factors that affect the reliability of drug tests. Certain drugs of abuse tests are more accurate than others.

IMPORTANT: The result you obtained is called preliminary for a reason. The specimen should be tested by laboratory in order to determine if a drugs of abuse is actually present. Send any specimen which does not give a negative result to a laboratory for further testing.

What Is the False Positive Test?

The definition of the false positive test would be the instance where a substance is identified incorrectly by T-Dip® Multi-Drug Urine Test Panel. The most common causes of the false positive test are cross reactants. Certain foods and medicines, diet plan drugs and nutritional supplements may cause the false positive test result.

What Is the False Negative Test?

The definition of the false negative test is that the initial drug is present but isn't detected by T-Dip® Multi-Drug Urine Test Panel. If the specimen is diluted or adulterated, it may cause the false negative result.

If suspect someone is taking drugs but get the negative test results, please test again at another time, or test for different drugs.

TEST LIMITATIONS

- This test has been developed for testing urine specimens only. No other fluids have been evaluated. DO NOT use this device to test anything but urine.
- Adulterated urine specimens may produce erroneous results. Strong oxidizing agents such as bleach (hypochlorite) can oxidize drug analytes. If a specimen is suspected of being adulterated, obtain a new specimen.
- This test is a qualitative screening assay. It is not designed to determine the quantitative concentration of drugs or the level of intoxication.

Note: 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.

QUESTIONS AND ANSWERS

- What does the T-Dip® Multi-Drug Urine Test Panel do?**
These tests indicate if one or more prescription or illegal drugs are present in urine. These tests detect the presence of drugs such as Amphetamines, Barbiturates, Benzodiazepines, Buprenorphine, Cocaine, Methylenedioxymethamphetamine, Marijuana, Methamphetamines, Methadone, Morphine, Opiates, Oxycodone, Phencyclidine, and tricyclic antidepressants.

The testing is done in two steps. First, test urine with T-Dip® Multi-Drug Urine Test Panel. Second, if any drug test result is preliminary positive, please send the urine specimen to the drug testing laboratory for confirmatory result.

- What is "cut-off level"?**
The cut-off level is the specified concentration of a drug in a urine specimen. If the concentration of a drug in urine is above the cutoff concentration, this drug test result will be preliminary positive. If the concentration of a drug in urine is below the cutoff concentration, this drug test result will be negative.

- What are drugs of abuse?**
Drugs of abuse are illegal or prescription medicines (for example, Oxycodone or Valium) that are taken for a non-medical purpose, including taking the medication for longer than your doctor prescribed it for or for a purpose other than what the doctor prescribed it for.

- 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, Yellow jackets
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, sweetstuff, and white powder.
Methylenedioxymethamphetamine (MDMA)	Ecstasy, E, X, XTC, Adam, Clarity, Lover's Speed
Methamphetamine (MET/mAMP)	Speed, Ice, Chalk, Meth, Crystal, Crank, Fire, Glass
Morphine (MOP)	Aunt Hazel, Big H, Black Pearl, Brown Sugar, Capital H, Charley, China White, Dope, Good Horse, H, Hard Stuff, Hero, Heroin, Little Boy, Mud, Perfect High, Smack, Stuff and Tar.
Methadone (MTD)	Mixture, Meth, Linctus, Green
Morphine (OPI)	Aunt Hazel, Big H, Black Pearl, Brown Sugar, Capital H, Charley, China White, Dope, Good Horse, H, Hard stuff, hero, Heroin, Little Boy, Mud, Perfect High, Smack, Stuff and Tar.
Oxycodone (OXY)	OC, Ocycotton, OX, and Kicker
Phencyclidine (PCP)	Angel Dust, Belladonna, Black Whack, C.J, Cliffhanger, Crystal Joint, Detroit Pink, Elephant Tranquilizer, Hog, Magic, Peter Pan, Sheets, Soma, TAC, Tank, White Horizon and Zoom.
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.

- How accurate is the test?**
The tests are sensitive to drugs and are 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.

- If the test results are negative, can the conclusion be that the person is free of drugs?**
This means that if the specimen was collected properly and if the test was performed according to direction, then probably none of the drug screened were present in the specimen.

- 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 specimen and the specimen should be sent to the lab for a more accurate test.

- 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

Temazepam	250	Nordoxepin	1,000
Triazolam	1,200	Trimipramine	3,000
Demoxepam	2,000	Amitriptyline	1,500
Flurazepam	500	Promazine	1,500
Cocaine (COC)		Desipramine	200
Benzoylcegonine	300	Imipramine	400
Cocaine	750	Clomipramine	12,500
Cocaehtylene	12,500	Doxepin	2,000
Ecgonine	32,000	Maprotiline	2,000
Ecgonine methyl Ester	>100,000	Promethazine	25,000
Methamphetamine (MET/m AMP)		Cannabinoids (THC)	
D(+)-Methamphetamine	1,000	11-nor- Δ 9-THC-9-COOH	50
D-Amphetamine	>100,000	11-nor- Δ 8-THC-9-COOH	30
Chloroquine	50,000	11-hydroxy- Δ 9-Tetrahydrocannabinol	5,000
(+/-)-Ephedrine	50,000	Δ 8-Tetrahydrocannabinol	1,300
(-)-Methamphetamine	25,000	Δ 9-Tetrahydrocannabinol	5,000
(+/-)-3,4-Methylenedioxyamphetamine (MDMA)	4,000	Cannabinol	20,000
β -Phenylethylamine	50,000	Cannabidiol	100,000
Trimethobenzamide	10,000		
(+/-)-3,4-Methylenedioxyethylamphetamine(MDEA)	1,000		
d,l-Methamphetamine	1,000		
p-Hydroxymethamphetamine	30,000		
(+/-)-3,4-Methylenedioxyamphetamine (MDA)	1,000		
L-Amphetamine	75,000		
D,L-Amphetamine	100,000		
Mephetermine	50,000		
(1R,2S)-(-)-Ephedrine	>100,000		
L-phenylephrine	>100,000		

Effect of Urinary Specific Gravity

12 urine samples with density ranges (1.005-1.025) were collected and spiked with each drug at 25% below and 25% above cutoff level. Each sample was tested by three batches of the corresponding drug test. Three laboratory assistants read the result per batch of the corresponding drug test. The results demonstrate that varying ranges of urinary specific gravity do not affect the test result.

Effect of Urinary pH

The pH of an aliquot of negative urine pool was adjusted to a pH range of 4 to 9 in 1 pH unit increments and spiked with each drug at 25% below and 25% above cutoff levels. Each sample was tested by three batches of the corresponding drug test. Three laboratory assistants read the result per batch of the corresponding drug test. The result demonstrates that varying range of pH do not interfere with the performance of the test.

Interfering Substances

Clinical urine specimens may contain substances that could potentially interfere with the test. 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 test. All potential interferents were added at a concentration of 100 µg/mL. None of the urine specimens tested showed any deviation from the expected results.

Acetaminophen	Diphenhydramine	Noscapine
Acetophenetidin	D,L-Octopamine	O-Hydroxyhippuric Acid
Acetylsalicylic Acid	DL-Propranolol	Omeprazole
Aminopyrine	DL-Tyrosine	Oxalic Acid
Amoxicillin	D-Pseudoephedrine	Oxolinic Acid
Ampicillin	Estrogen	Oxymetazoline
Apomorphine	Fenoprofen	Papaverine
Aspartame	Furosemide	Penicillin V Potassium
Aspirin	Gentisic Acid	Penicillin-G

Atropine	Hydrochlorothiazide	Perphenazine
Benzilic Acid	3-Hydroxytyramine	Pethidine HCl
Benzoic Acid	5- Hydroxytyramine	Phenelzine
Bilirubin	Hydrocortisone	Prednisone
Captopril	Isosuprine	Propranolol HCl
Chloralhydrate	Ketoprofen	Quinine
Chloramphenicol	Labetalol	Ranitidine
Chlorothiazide	Lamotrigine	Ranitidine HCl
Chlorpromazine	Levonorgestrel	Sulfamethazine Sulindac
Chloroquine	Meperidine	Salicylic Acid
Cholesterol	Meprobamate	Sertraline
Clarithromycin	Nalidixic Acid	Tetrahydrozoline
Clonidine	Naloxone	Thiamine
Cotinine	Naltrexone	Thioridazine
Cortisone	Naproxen	Triamterene
Deoxycorticosterone	Niacinamide	Uric Acid
Dextromethorphan	Nifedipine	Venlafaxine HCl
Diclofenac	Nitroglycerin	Verapamil
Diffunisal	Norethindrone	Zomepirac
Digoxin		

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Hofmann F.E., A Handbook on Drug and Alcohol Abuse: The Biomedical Aspects. New York, Oxford University Press, 1983.
McBay, A. J. Clin. Chem. 33,33B-40B, 1987.

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 1-800729-6686

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

Manufactured by Guangzhou Wondfo Biotech Co., LTD
No.8 Lizhishan Road, Science City, Luogang District
Guangzhou, Guangdong, P.R. China 510663

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Sober Scientific LLC
support@soberscientific.com
www.soberscientific.com

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