

## Understanding Your Instant Indicator Test Result:

The AtHome™ Nicotine Test is made to detect the presence of nicotine and cotinine (a metabolite of nicotine) when it is above the detection limit of 200ng/ml for this test.

### What does a negative screen result mean?

On the Instant Indicator Test, a negative screen result means that probably no cotinine was present in the sample, as long as the sample was collected properly and the test was performed according to direction. However, if nicotine use is still suspected, you should send your sample to our laboratory to confirm.

### What does a preliminary screen result mean?

This means that the test has reacted with something in the sample and **must** be sent to our laboratory for a more accurate test. Review the Test Limitations for further information.

The result you obtained is called 'preliminary' for a reason. The sample **MUST** be tested by our clinical laboratory in order to determine if nicotine is actually present. You will not know for sure without taking this second step.

Remember, screening it the first step in a two part system:  
 Step 1: Screen out (eliminate) the negative samples  
 Step 2: Send the sample to our laboratory for further testing or to confirm the preliminary result.

## Understanding Your Laboratory Test Result:

The AtHome™ Nicotine Laboratory Test Result is performed by a CLIA certified laboratory and will indicate either a confirmed Negative or Positive result. A negative result means that there was no cotinine found in the urine sample. A positive result will be provided with a concentration of cotinine found in the urine sample.

## Test Limitations

Failure to use this product as directed may result in an invalid sample and / or inaccurate results.  
 Do not use this product for anything but urine. This test may be used on urine samples only.

An inadequate sample size may compromise the test results. Be sure to provide an adequately sized sample.  
 Urine samples are perishable. Old urine samples are not suitable for testing.

Certain foods, medications, and nutritional supplements may cross-react and register a false detection.

## Reproducibility:

Reproducibility studies were carried out using commercially available stock solutions of the drug analytes listed. Dilutions were made from the stock solution of each drug to the concentrations specified in the following tables. The results are listed in the following tables:

Cotinine Conc. (ng/mL)	Total number of Determinations	Results	Precision
No drug present	40	40 negative	>99%
100	40	40 negative	>99%
300	40	40 positive	>99%
400	40	40 positive	>99%

## Analytical Sensitivity:

A drug-free urine pool was spiked with drugs to concentrations at +/- 50% cut-off and +/- 25% cut-off. The results are summarized below.

COT Concentration (ng/mL)	Percent Of Cut-off	Visual Results	
		Negative	Positive
0	0	90	0
100	-50%	90	0
150	-25%	90	0
200	Cut-off	90	49
250	+25%	90	0
300	+50%	90	0
400	+100%	90	0

## Analytical Specificities:

The following table lists the concentration of compounds (ng/mL) that were detected positive in urine by The AtHome™ Cotinine Test (Urine) at a read time of 5 minutes.

Drug	Concentration (ng/mL)
Cotinine	200
Nicotine	6,250

## Effect of Urinary Specific Gravity:

Fifteen (15) urine samples of normal, high, and low specific gravity ranges (1.005, 1.015, 1.030) were spiked with drugs at 50% below and 50% above cut-off levels respectively. The

AtHome™ Nicotine Test was tested in duplicate using ten drug free urine and spiked urine samples. The results demonstrate that varying ranges of urinary specific gravity do not affect the test results.

## Effect of Urinary pH:

The pH of an aliquoted negative urine pool was adjusted to pH ranges of 4.0, 4.5, 5.0, 6.0, and 9.0 and spiked with drugs at 50% below and 50% above cut-off levels. The spiked, pH-adjusted urine was tested with The AtHome™ Cotinine Test. The results demonstrate that varying ranges of pH do not interfere with the performance of the test.

## Cross Reactivity:

A study was conducted to determine the cross-reactivity of the test with compounds in either drug-free urine or cotinine positive urine. The following compounds show no cross-reactivity when tested with The AtHome™ Cotinine Test (Urine) at a concentration of 200 ng/mL

## Non Cross-Reacting Compounds

Acetophenetidin	Deoxycorticosterone	Loperamide	Salicylic acid
N-Acetylprocainamide	Dextromethorphan	Metprobamate	Serotonin
Acetylsalicylic acid	Diclofenac	Methoxyphenamine	Sulfamethazine
Aminopyrine	Diflunisal	Methyphenidate	Sulfindac
Amoxicillin	Digoxin	Nalidixic acid	Tetracycline
Ampicillin	Diphenhydramine	Naproxen	Tetrahydrocortisone,
I-Ascorbic acid	Ethyl-p-aminobenzoate	Niacinamide	3-Acetate
Apomorphine	Estadiol	Nifedipine	Tetrahydrocortisone
Aspartame	Estrone-3-sulfate	Norethindrone	Tetrahydrocortisone
Atropine	Erythromycin	Noscapine	Thiamine
Benzilic acid	Fenoprofen	d,l-Octopamine	Thioridazine
Billirubin	Genitric acid	Oxalic acid	d,l-Tyrosine
d,l-Brompheniramine	Hemoglobin	Oxolinic acid	Tolbutamine
Caffeine	Hydralazine	Oxymetazoline	Triamterene
Cannabidiol	Hydrochlorothiazide	Papaverine	Trifluoperazine
Chloramphenicol	Hydrocotisone	Penicillin-G	Trimethoprim
Chlorothiazide	o-Hydroxyhippuric acid	Perphenazine	d,l-Tryptophan
d,l-Chlorpheniramine	3-Hydroxytyramine	Phenazine	Uric acid
Chlorpromazine	d,l-Isoproterenol	Predmison	Verapamil
Cholestrol	Isoxsuprine	d,l-Propranolol	Zomepirac
Clonidine	Cortisone	d-Pseudoephedrine	
I-Cotinine	Ketoprofen	Quinidine	
Creatinine	Labetalol	Quinine	

## Place PIN Label here

Thank you for purchasing **AtHome™ Nicotine Test**

For In-Vitro Diagnostic Only

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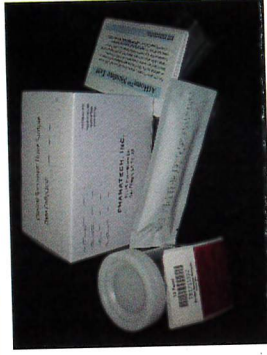
# AtHome™ Nicotine Test

The AtHome™ Nicotine Test is an instant indicator and laboratory confirmation test that detects the presence of nicotine and cotinine (a metabolite of nicotine) in a urine sample, as a result of smoking, vaping, and/or tobacco use. It is intended for home use. Please read the instructions thoroughly before starting the test. If you need further assistance, please visit [www.athomedrugtest.com](http://www.athomedrugtest.com) or call our Customer Service Hotline at **1-877-HOMETEST (877-466-3837)**.

## KIT CONTENTS:

- (1) Instruction Sheet
- (1) Instant Indicator Test
- (1) Labeled collection cup with Personal Identification Number (PIN)
- (1) Specimen bag
- (1) Return Mailer Shipping Box

*Your Personal Identification Number (PIN) is located on the two-part label, found attached to the collection cup*



## HOW TO USE THIS TEST:

### STEP 1: Urine Sample Collection

**1a.** Ensure that the labeled collection cup has a two-part label with matching PIN numbers.

**1b.** Detach the bottom portion of the label and affix it to the back of this sheet in the provided space, leaving the top portion attached to the collection cup. You will need the PIN on the label to retrieve your results.

**1c.** Thoroughly wash and dry your hands before collecting the sample. Fill the provided collection cup to the 50 mL mark.



## Optional Step:

Use the included Instant Indicator Test to obtain a preliminary result.



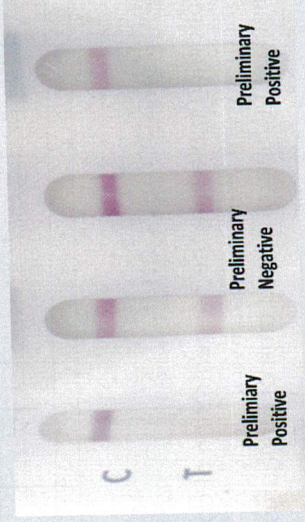
**To Use:** Remove the cap from the testing side of the Instant Indicator Test. Immerse the absorbent tip of the testing device in the sample for 10 to 15 seconds. The sample should not touch the plastic. Remove the testing device from the sample and replace the cap. Set the closed Instant Indicator Component on a flat surface and wait up to 5 minutes for a preliminary result.



## To Read Result:

A preliminary **negative** result will have 2 lines in both the Control and Test regions of the Instant Indicator Test.

A preliminary **positive** result will show only 1 line in the Control region on the Instant Indicator Test. The shade of the line in the Test region does not matter for preliminary results.



*An example of how results could look.*

**Important:** Regardless of the Instant Indicator Test result, the sample should be sent to our CLIA certified laboratory for testing to confirm the result.

**1d.** Place the cap back onto the cup and twist clockwise until it is tightly sealed. To ensure a tight seal, turn the cup upside-down a few times to make sure the cap is secure (we recommend doing this over the toilet or sink). Once complete, wash and dry hands.



## STEP 2: Sending Your Sample to the Laboratory

**2a.** Place the filled collection cup in the supplied plastic specimen bag. Seal the bag and place it in the provided Return Mailer Shipping box.



**2b.** Apply sufficient postage

**2c.** Drop the box into any U.S. postal mailbox.



**Important:** Please mail your sample right away as old specimens may not be suitable for testing.

## STEP 3: Getting Your Results

**3a.** Log onto [www.phamatech.com](http://www.phamatech.com) and click on the "At Home Drug Test Results" link.

**3b.** Enter your personal identification number (PIN) in the lab results box.

**3c.** Re-enter your PIN for verification.

**3d.** Click "Submit" to view your results.

**Note:** Register your E-mail and we'll notify you as soon as your results are ready. Your test results should be available 2-6 business days after receiving your sample at our lab.