

# Drug Test

## Marijuana

**Please read all the information in this package insert before performing the test.**

**The Drug Test Marijuana Rapid Test Cassette (Urine)** is a rapid urine screening test that can be performed without the use of expensive instruments. The test utilizes a monoclonal antibody to selectively detect elevated levels of marijuana in urine.

**The THC Rapid Test Cassette yields a positive result when the concentration of marijuana in urine exceeds 50ng/ml.**

This assay provides a preliminary analytical test result. A more specific alternate chemical method must be used to obtain a confirmed analytical result. Gas chromatography/mass spectrophotometry (GC/MS) is the preferred confirmatory method.

Clinical consideration and professional judgment should be applied to any drug of abuse test result, particularly when preliminary positive results are used.

THC ( $\Delta^9$ -tetrahydrocannabinol) is the primary active ingredient in cannabinoids (marijuana). When smoked or orally administered, it produces euphoric effects. Users have impaired short term memory and slowed learning. Users may also experience transient episodes of confusion and anxiety. Long term relatively heavy use may be associated with behavioural disorders. The peak effect of smoking marijuana occurs in 20-30 minutes and the duration is 90-120 minutes after one cigarette. Elevated levels of urinary metabolites are found within hours of exposure and remain detectable for 3-10 days after smoking. The main metabolite excreted in the urine is 11-nor- $\Delta^9$ -tetrahydrocannabinol-9-carboxylic acid ( $\Delta^9$ -THC-COOH).

### PRECAUTIONS

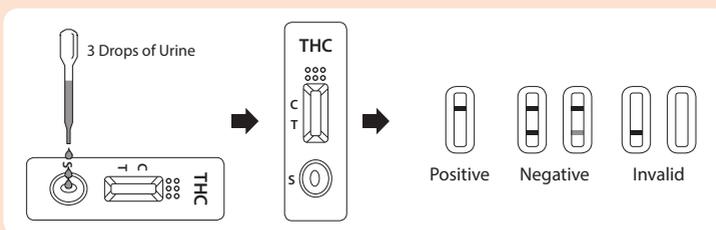
- Do not use after the expiration date.
- The test should remain in the sealed pouch until use.

### SPECIMEN COLLECTION AND PREPARATION

- The urine must be collected in a clean and dry container.
- Urine collected at any time of the day may be used.
- Urine specimens exhibiting visible particles should be filtered, or allowed to settle to obtain clear specimen for testing.

### DIRECTIONS

1. Collect urine in a clean and dry container.
2. Bring the pouch to room temperature before opening it.
3. Remove the test from the pouch and use it within one hour.
4. Place the test cassette on a clean and level surface.
5. Hold the dropper vertically and transfer 3 full drops of urine to the specimen well of the test cassette, and then start the timer.
6. Avoid trapping air bubbles in the specimen well (see illustration below).
7. Wait for the colour line(s) to appear.
8. The result should be read at 5 minutes.
9. Do not interpret the result after 10 minutes.



# QUESTIONS & ANSWERS

## READING THE RESULTS

### POSITIVE

One colour line appears in the control region (C). No line appears in the test region (T). This positive result indicates that the marijuana concentration is above the detectable level of 50ng/ml.



Positive

### NEGATIVE

Two lines appear. One colour line should be in the control region (C), and the other in the test region (T). This negative result indicates that the marijuana concentration is below the detectable level of 50ng/ml.



Negative

**Note:** The intensity of the colour in the test line region (T) may vary depending on the concentration of THC metabolite present in the specimen. Therefore, any shade of colour in the test line region (T) should be considered negative.

### INVALID

Control line fails to appear. Insufficient specimen volume or incorrect procedural techniques are the most likely reasons for control line failure. Review the procedure and repeat the test with a new test cassette. If the problem persists, discontinue using the test immediately and contact your local distributor.



Invalid

### Q: How does the result window appear if the results are positive?

Only one band, the control band will appear and no band will develop when the target drug is present.

### Q: How does the result window appear if the results are negative?

Two coloured bands will appear, a control band and a test band on the strip next to the target drug.

### Q: What do I do if results show a very faint line?

Any very faint line on the test region could indicate that the drug in the sample could be near the cut-off level for the test. However, any line in the test area, no matter how faint, should be interpreted as a negative test. Perform a second test or send the specimen to a laboratory to obtain confirmatory results.

### Q: What will the control region look like if the test is working?

The control line should always appear regardless of the presence of drugs or metabolites. If the control line does not appear then all results are invalid.

### Q: Unexpected results or test failure. What is the likelihood that the test device is defective?

98% of the time, unexpected test results or failure to obtain test results is the result of user error. Failure to follow instructions, inadequate sampling, device contamination, failure to use a timer or other user related factor. These tests, while simple to use still require certain basic testing disciplines. Unfortunately, people unfamiliar with these disciplines often ignore the test instructions or cautions expecting the test device to be accurate regardless of how it is used. Additionally, the stringent quality control checks and required random sampling methods mandated by the governmental regulatory authorities during the production process make the likelihood of receiving a defective test device extremely remote.

### Q: Can you test for synthetic cannabinoids?

A standard urine drug screening test will not detect the presence of synthetic cannabinoids. There are screening test kits for synthetic cannabinoids.

### Q: I am taking a prescription medication. Will this particular medication test positive on a drug test?

There are literally hundreds of brand name and generic drugs being prescribed today. If you have a question on a specific prescribed medication, you will need to know the general classification of that medication to determine if it will test positive on any of the specific drug test panels, ie: opiates, amphetamine, methamphetamine, benzodiazepines, barbiturates etc. For general classifications on prescription drugs you can ask your pharmacist.

Further product information sheets are available at [www.smithbiomed.com](http://www.smithbiomed.com)

Who can I contact if I have more questions?

For further information or advice on using the **Professional Marijuana Drug Test**, either contact the pharmacy you purchased the tests from **OR** contact **Smith Biomed (NZ) Ltd**, New Plymouth, New Zealand on 0508 BIOMED (246 633). Address all emails to [info@smithbiomed.com](mailto:info@smithbiomed.com).

Index of Symbols		Index of Symbols	
	Attention, see instructions for use		Tests per kit
	For in vitro diagnostic use only		Use by
	Store between 2-30°C		Lot Number
	Do not use if package is damaged		Authorized Representative
			Do not reuse
			Catalog #

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