# TAG FORYOU DRUG TEST

Rapid and Effective Drug Detection Technologies
Kits offer innovative and reliable rapid test solutions for drug detection. Our advanced immunological tests allow for the simultaneous and qualitative detection of both solid and liquid forms of drugs and their metabolites.

Rapid Immunological Tests
These tests are highly sensitive screening methods used to detect the presence of drugs or their metabolites. Test results are obtained in a short time, allowing for effective preliminary assessments, which in turn facilitate accurate and rapid decision-making.
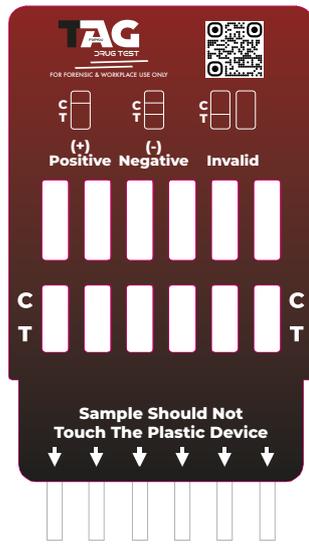
SURFACE TEST

1. Collect the swab sample.
2. Open the tube cap.
3. Pour the solution from the tube into the protective cap of the test kit.
4. Carefully place the test kit into the protective cap with the solution. Wait for the test lines to appear and read the result at the 5-minute mark. Results should not be interpreted after 10 minutes.

PARAMETERS	CUT-OFF (ng/mL)
AMPHETAMINE	1000/500
METHAMPHETAMINE (MET)	1000/500
EXTASY (MDMA)	500
BENZODIAZEPINES (BZO)	300/200
COCAINE (COC)	300/150
OPIATE (OPL)	2000/1000

PARAMETERS	CUT-OFF (ng/mL)
MARIJUANA (THC)	200/150/50
BARBRTURATES (BAR)	300
METHADONE (MTD)	300
RHENCYCLIDINE (PCP)	25
SYNTHETIC CANNABTNOID	50/25
ACETAMINOPHEN (ACE)	5000

Multi-Drug & Single-Drug Screening Test
(SURFACE AND SOLID/LIQUID SUBSTANCE)

Some Application Areas:

Customs and Border Control
Combat smuggling by detecting drugs on surfaces or in packages.

Narcotics and Law Enforcement
Implement rapid tests in suspicious areas to monitor drug smuggling and use.

Prisons and Rehabilitation Centers
Prevent the entry and possession of drugs during inmate intake and internal inspections.

Reliable Results, Practical Usage

Developed rapid immunological tests enable the detection of drugs on various surfaces and environments. They are highly practical and easy to transport, providing reliable results within minutes.

Rapid and Qualitative Detection

With the simultaneous detection of drug combinations, users can screen for a wide range of substances. Qualitative results clearly identify which drugs are present, providing reliable information for further actions.

Our rapid test kits offer a dependable and effective solution that contributes to law enforcement, border security, and public health.

SUBSTANCE TEST

1. Open the tube cap and add the substance.
2. Close the tube cap, shake it, and let it sit for 30 seconds.
3. Open the tube cap and pour the solution into the cap.
4. Carefully place the test kit into the protective cap. Wait for the test lines to appear and read the result at the 5-minute mark. Results should not be interpreted after 10 minutes.

Negative: Two lines will appear, one in the control region (C) and one in the test region (T). This result indicates that the sample concentration is below the detectable level.

Positive: Only one line appears. There is a line in the control region (C), but no line in the test region (T). This result indicates that the sample concentration exceeds the detectable level.

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

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ANALYSIS REPORT

TAG FORYOU DRUG TEST

Subject

This report covers laboratory studies and analyses conducted to determine the accuracy rates of the substance (solid/liquid) test kit (TAG-MDK-0012). The objective is to evaluate the test kit's capacity to achieve accuracy rates at specified threshold values.

Test Methods

The test studies were conducted using reference substances with CAS numbers listed in Table 1. These standard substances were prepared as multi-component samples in a buffer solution, both in negative and positive forms. Samples were prepared at concentrations necessary for validation studies and then analyzed. The analyses were performed using a Liquid Chromatography-Mass Spectrometry (LC/MS-MS) device. in the LC/MS-MS analyses, the measured concentrations were found to be consistent with the tested sample matrix and the targeted threshold values, allowing the validation process to proceed. Table 1 details the measured concentrations for each substance and the standards used. The results of the tests indicate that the substance drug test kit with the model number TAGMDK-0012 operates in accordance with the targeted accuracy rates. These findings provide significant evidence regarding the product's reliability and effectiveness.

Notes

The results of this report are prepared as references for product development processes. Test methods were conducted in accordance with current analytical standards.

Measurement Data

The test kits were applied to the samples in accordance with the user manual, and the results were carefully recorded. For each substance, 100 test kits were used, and the results were collected accordingly. The data obtained were analyzed to calculate accuracy rates. The results are detailed in Table 2.

$$\text{Accuracy (\%)} = \left(\frac{\text{True Positives + True Negatives}}{\text{True Positives + True Negatives + False Positives + False Negatives}} \right) \times 100$$

Control Study	Sample 0		Sample 1		Sample 2		Accuracy (%)
	Neg	Poz	Neg	Poz	Neg	Poz	
AB-PINACA (ABP)	100	0	99	1	1	99	99,00
Acetaminophen (ACE)	100	0	96	4	1	99	97,50
Amphetamine (AMP)	100	0	99	1	2	98	98,50
α-Pyrrolidinovalerophenone (α-PVP)	100	0	97	3	1	99	98,00
Barbiturate (BAR)	100	0	98	2	1	99	98,50
Buprenorphine (BUP)	100	0	99	1	2	98	98,50
Benzodiazepines (BZO)	100	0	98	2	3	97	97,50
Cathine (CAT)	100	0	98	2	1	99	98,50
Cocaine (COC)	100	0	99	1	1	99	99,00
Cotinine (COT)	100	0	99	1	2	98	98,50
Fentanyl (FYL)	100	0	99	1	2	98	98,50
Ketamine (KET)	100	0	99	1	2	98	98,50
Lysergic Acid Diethylamide (LSD)	100	0	100	0	1	99	99,50
Ecstasy (MDMA)	100	0	99	1	1	99	99,00
Methylenedioxypyrovalerone (MDPV)	100	0	99	1	1	99	99,00
Methamphetamine (MET)	100	0	99	1	2	98	98,50
Morphine (MOP)	100	0	98	2	1	99	98,50
Methadone (MTD)	100	0	99	1	1	99	99,00
Opiates (OPI)	100	0	98	2	1	99	98,50
Oxycodone (OXY)	100	0	96	4	2	98	97,00
Phencyclidine (PCP)	100	0	99	1	2	98	98,50
Pregabalin (PGB)	100	0	99	1	1	99	99,00
Propoxyphene (PPX)	100	0	96	4	1	99	97,50
Synthetic Marijuana (K2)	100	0	99	1	2	98	98,50
Tricyclic Antidepressants (TCA)	100	0	99	1	2	98	98,50
Marijuana (THC)	100	0	98	2	1	99	98,50
Tramadol (TML)	100	0	98	2	3	97	97,50
UR-144 (K3)	100	0	100	0	1	98	99,50

Evaluation of Results

No adverse effect of the sample matrix on the tests was observed. The average accuracy rate of all tests was determined to be **98.46%**. These tests are suitable for use as screening tools for the detection of sedatives, narcotics, stimulants, and drugs.