



Quantitative detection of drug content in hair by the world's first quantum dot fluorescence technology platform



Hair Drug Trace Rapid Analyzer

and Supporting Rapid Test Kit

- 1. Rapid quantitative test:** reacting time of test kit only need 3 minutes. It could finish detection of drug concentration in hair samples of suspected drug abusers within 5 minutes.
- 2. Ultra high sensitivity:** minimum detection limit: 0.1 ng/mg
- 3. Long test window period:** not affected by drug metabolism in the body
- 4. Convenient sampling:** sampling on site, only need little hair and can effectively avoid sample fraud or transfer
- 5. Complete testing items:** detect morphine, methamphetamine, ketamine, tetrahydrocannabis, cocaine and other drug content in hair
- 6. Patented technology:** exclusive patented hair lysate that quickly cleaves the surface structure of hair and extracts drugs from hair within 30 seconds.

Patents: 5 invention patents, 8 utility model patents, 5 appearance patents, 2 software copyrights

Service hotline:86-571-86658003

Hair Drug Trace Test Box



Segmentation analysis of hair and history of drug abuse

The hair growth rate is about 1 cm per month, and the drug combined with hair will grow forward with hair instead of spreading along the hair shaft. Hair is marked as roots, ends and cut into several sections, and each section was measured separately. According to the measurement of result and the growth rate of hair, the time of drug absorption and the amount of drug use could be speculated roughly. This is the blood, urine toxicity analysis which are currently unable to do, and that is one of the reasons for the preference of toxicological analysis workers.

The advantages of hair analysis for body fluid analysis

1. Provide individual drug use types and abuse history
2. Avoid adulteration
3. Easy to sampling
4. Trusted results
5. Hair is easy to store for a long time
6. Drugs are metabolized slower in hair

User Instruction of Hair Drug Trace Test Box

1. Preparation



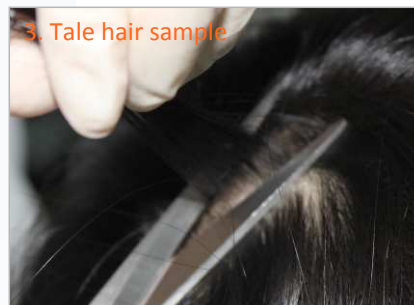
1. Remove and place the analyzer horizontally, connect power adapter, turn on the left switch and right card slot. Remove hair lysate and test cassette, let them return to room temperature

2. Read ID card



2. Remove the ID card and insert it into analyzer, click "Read ID Card" detect the test kit after finishing the reading

3. Tale hair sample



3. Close to scalp, cut 5 mg hairs (About 10cm each of 10 hairs)

4. Cut into pieces



4. Cut hair into small pieces of 1-2mm on weighing paper

5. Extraction



5. Pour shredded hairs into a bottle containing hair lysate, cover the cap, shake for 1 minute

6. Test



6. Suck supernatant of the hair lysate with a dropper, add 2 drops in reagent well

7. Read result



7. Insert test kit immediately into the analyzer after 3-minute reaction. Click "Test" to get drug concentration result

Result interpretation

The result is less than 0.1, which means **NEGATIVE**

The result is more than or equal to 0.1, which means **POSITIVE**.

The result needs read after 3 minutes and will be invalid after 5 minutes

Precautions

- 1) When collecting hair samples, you need to close the scalp and cut the collected hair in a clean paper bag or valve bag.
- 2) When collecting the hair of different people, wipe the scissors with alcohol cotton in the box to prevent cross-contamination.
- 3) Different batches of test kits cannot be mixed, and ID cards and test cards must not be mixed with different batches.
- 4) The tests card and its components are only applicable to the Hair Drug Trace Rapid Analyzer produced by Hangzhou Laihe Biotech Co., Ltd.

Catalogue of Laihe Drug Test Products

①	KET Test kit (Colloidal gold)	Cassette	Urine	25pcs/box	
②	MOP Test kit (Colloidal gold)	Cassette	Urine	25pcs/box	
③	MET Test kit (Colloidal gold)	Cassette	Urine	25pcs/box	
④	MET/KET Combo Test kit (Colloidal gold)	Cassette	Urine	20pcs/box	
⑤	Multi-Drug test Kit(Colloidal Gold)	MOP/MET/KET/MDMA/THC/COC Combo Test kit (Colloidal gold)	Cassette/Cup	Urine	20pcs/box
		MOP/MET/KET/MDMA/THC Combo Test kit (Colloidal gold)	Cassette/Cup	Urine	20pcs/box
		MOP/MET/KET/MDMA Combo Test kit (Colloidal gold)	Cassette/Cup	Urine	20pcs/box
		MOP/MET/KET Combo Test kit (Colloidal gold)	Cassette/Cup	Urine	20pcs/box
		MET/KET/MDMA Combo Test kit (Colloidal gold)	Cassette/Cup	Urine	20pcs/box
		MOP/MET/THC Combo Test kit (Colloidal gold)	Cassette/Cup	Urine	20pcs/box
		MOP/MET Combo Test kit (Colloidal gold)	Cassette	Urine	20pcs/box
	MOP/THC Combo Test kit (Colloidal gold)	Cassette	Urine	20pcs/box	
⑥	MOP/MET/KET Saliva Combo Test kit (Colloidal gold)	Cassette	Saliva	10pcs/box	
⑦	MOP/MET Saliva Combo Test kit (Colloidal gold)	Cassette	Saliva	10pcs/box	
⑧	Hair Drug Trace Rapid Test Kit	Morphine (MOP) Hair Rapid Test Kit	Cassette	Hair	25pcs/box
		Methamphetamine (MET) Hair Rapid Test Kit	Cassette	Hair	25pcs/box
		Ketamine (KET) Hair Rapid Test Kit	Cassette	Hair	25pcs/box
		Marijuana (THC) Hair Rapid Test Kit	Cassette	Hair	25pcs/box
		Cocaine (COC) Hair Rapid Test Kit	Cassette	Hair	25pcs/box

Laihe's drug test kit (Urine/Saliva) are listed in the recommended catalogue of the Ministry of Public Security of the State

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