

Hair Drug Rapid Test Solution

Instruments :

► Technical Information

The instrument's measurement system automatically reacts photoelectrically to the binding area of the marker and the test article on the reacted test strip, obtaining an electrical signal, which is then automatically analysed by the instrument to provide a rapid test result.

► Product Advantages

- **Fast Test Speed:** Completed single test within 10 seconds.
- **More Convincing Results:** Higher sensitivity compared to urine, saliva, etc.
- **Excellent Support:** Supports a wide range of sample types for testing.
- **Fast Information Entry:** Built-in ID recognition.
- **Instant Print:** Results can be print when the test is done.

Fluorescence Immunoassay Analyzer

Product Information	
Name	Fluorescence Immunoassay Analyzer
Mode	OG-G200
Display	7 Inch LCD Colour Capacitive screens, 1024*600 pixel resolution
Storage	More than 10,000 tests
Repeatability	CV< 3%
Speed	Less than 10 seconds per Test
Interface	RS232 serial port, USB port
Print	Thermal & Instant print support
Power	AC100V~AC240V
Weight	1850g



Handheld Fluorescence Immunoassay Analyzer

Product Information	
Name	Handheld Fluorescence Immunoassay Analyzer
Mode	OG-G300
Display	IPS Colour Capacitive screens, 720*1280 pixel resolution
Storage	More than 10,000 tests
Repeatability	CV< 3%
Speed	Less than 10 seconds per Test
Print	Thermal & Instant print support
Power	AC100V~AC220V
Weight	Less than 1 kg



Test Reagents:

Fluorescence Immunoassay

Test Item	Sensitivity	Test Item	Sensitivity
Amphetamine	0.5 ng/mg	Methcathinone	0.2 ng/mg
Cocaine	0.5/0.2 ng/mg	6-Monoacetylmorphine	0.2 ng/mg
Ecstasy	0.2 ng/mg	Morphine	0.2 ng/mg
K2	0.2 ng/mg	Oxycodone	0.2 ng/mg
K3	0.2 ng/mg	Phencyclidine	0.3 ng/mg
Ketamine	0.2 ng/mg	UR-144	0.05 ng/mL

Colldial Gold Method

Test Item	Sensitivity	Test Item	Sensitivity
Amphetamine	5 ng/mg	6-Monoacetylmorphine	2 ng/mg
Benzodiazepines	1 ng/mg	Morphine	0.5/2/5 ng/mg
Cocaine	5/2 ng/mg	Oxycodone	4 ng/mg
K2	1 ng/mg	Phencyclidine	1 ng/mg
K3	0.5 ng/mg	Tramadol	0.2 ng/mg
Ketamine	1 ng/mg	Methamphetamine	1/2/5 ng/mg

Sample Preparation



Step 1

Cut 20 hairs (about 3cm) close to the scalp of the person to be examined, and place the cut hairs on the weighing paper.



Step 2

Using clean tweezers, place the hair to be tested into a grinding tube and grind with a grinding machine for 2 minutes.



Step 3

Pour the hair dissolving liquid into the processing cube and shake it well and let it stand for 1 minute.



Step 4

Remove the reagent card from the kit, use a dropper to absorb the clean solution from the grinding tube, then follow the instructions to finish the following steps.

Ordering Information

Product Description	Model	Kit Size
Handheld Fluorescence Immunoassay Analyzer	OG-G300	1 Unit/Box
Fluorescence Immunoassay Analyzer	OG-G200	1 Unit/Box
Hair Drug Rapid Test Kit (IFA)	FBXXX-1102	25 Tests/Kit
Hair Drug Rapid Test Kit (IGA)	GBXXX-1102	25 Tests/Kit



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