

8- Tramadol diagnostic kit

Tramadol is a painkiller similar to opium and is considered as a type of narcotic.

Accuracy: 99/8%
Specificity: 100%
Sensitivity: 300 ng/mL
The substance to be measured: Tramadol and its metabolites
Response speed: 1 to 3 minutes



9- Buprenorphine diagnostic kit

Buprenorphine is a semi-industrial pain reliever that is usually used in the treatment of opioid addiction.

Accuracy: 99/8%
Specificity: 100%
Sensitivity: 10 ng/mL
The substance to be measured: Buprenorphine and its metabolites
Response speed: 1 to 3 minutes



10- Barbiturate diagnostic kit

Barbiturates are used as analgesics, hypnotics, and anticonvulsants and are significantly addictive.

Accuracy: 99/8%
Specificity: 100%
Sensitivity: 300 ng/mL
The substance to be measured: Barbiturate and its metabolites
Response speed: 1 to 3 minutes



11- Three-panel drug of abuse diagnostic kit

The three-panel test is widely used for rapid detection of morphine, amphetamine and methamphetamine. A rapid and qualitative test based on immunochromatography, which has the ability to detect morphine, amphetamine and methamphetamine in urine and serum specimens. The detection limit for morphine, amphetamine and methamphetamine test is 300 ng/mL, 500 ng/mL and 500 ng/mL respectively.

Accuracy: 98/3%
Specificity: 100%
The substance to be measured: 3-panel (MOR/AMP/MET)
Response speed: 1 to 3 minutes



12- Five-panel drug of abuse diagnostic kit

The five-panel test is widely used for rapid detection of morphine, amphetamine, methamphetamine, methadone and Hashish. A rapid and qualitative test based on immunochromatography, which has the ability to detect morphine, amphetamine, methamphetamine, methadone and hashish in urine and serum specimens. The detection limit for morphine, amphetamine, methamphetamine, methadone and hashish test is 300 ng/mL, 500 ng/mL, 500 ng/mL, 300 ng/mL and 50 ng/mL respectively.

Accuracy: 98/3%
Specificity: 100%
Sensitivity: 300 ng/mL
The substance to be measured: 3-panel (MOR/AMP/MET/AMP/MTD)
Response speed: 1 to 3 minutes



Biomarkers diagnostic kit

Biomarkers are indicators that can be measured to determine the patient's physiological condition.

1- Troponin diagnostic kit

Troponins are a family of proteins, which are present in muscle fibrils, including skeletal muscles, as well as cardiac skeletal muscle, and cause muscle contraction.

Accuracy: 97/4%
Specificity: 100%
The substance to be measured: serum, whole blood
Response speed: 1 to 3 minutes



2- FOB diagnostic kit

Fecal occult blood is seen in some of the disorders and diseases of the end part of the digestive system.

Accuracy: 99/8%
Specificity: 100%
The substance to be measured: bacterium antigen
The specimen to be measured: feces
Response speed: 8 to 10 minutes (including sample preparation)



Infectious diagnostic kit

In infections, early diagnosis and timely treatment prevent disease progression, contagion and long-term problems. Early diagnosis and timely treatment are possible by rapid diagnostic tests.

1- HIV or AIDS diagnostic kit

The disease caused by the HIV virus is called AIDS. AIDS stands for Acquired Immune Deficiency Syndrome.

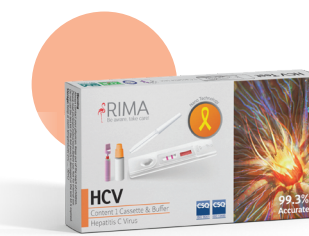
Accuracy: 99/1%
Specificity: 100%
The substance to be measured: Antibody which is produced against HIV virus
The specimen to be measured: serum, whole blood
Response speed: 1 to 3 minutes



2- Hepatitis diagnostic kit

Hepatitis C is an infection that affects the liver. It often has no symptoms, but chronic infection causes liver fibrosis and after a few years leads to liver cirrhosis.

Accuracy: 99/3%
Specificity: 100%
The substance to be measured: antibody which is produced against HCV virus
The specimen to be measured: serum, whole blood
Response speed: 1 to 3 minutes



3- H.Pylori diagnostic kit

Helicobacter pylori is a spiral bacterium that commonly causes stomach ulcers.

Accuracy: 98%
Specificity: 100%
The substance to be measured: bacterium antigen
The specimen to be measured: feces
Response speed: 8 to 10 minutes (including sample preparation)



4- Covid-19 antibody diagnostic kit

The rapid diagnosis test for covid-19 is a quick and qualitative test for the rapid diagnosis of covid-19 disease. This kit has the ability to detect IgM and IgG antibodies in plasma and serum blood samples.

Accuracy: 98/2%
Specificity: 100%
The substance to be measured: IgM and IgG antibody
The specimen to be measured: plasma and serum blood
Response speed: 15 to 20 minutes



Remnants of Toxins & Medicines in Food diagnostic kit

Pollutant compounds enter the food chain of living organisms intentionally or unintentionally from various sources. Considering the harmful effects of these pollutants on human health and the environment, their detection will be an effective step towards maintaining public health.

1- Malachite Green diagnostic kit

Malachite Green is one of the drugs used in fish farming. This drug has been used in the fishing industry since 1936 due to its specific functional characteristics, but due to its harmful effects, its use has been banned in many parts of the world for more than two decades.

Accuracy: 98/6%
Specificity: 100%
The substance to be measured: Malachite green
The specimen to be measured: serum, tissue, water
Response speed: 1 to 3 minutes



Address: No. 1059, Golgoon Ind. Zone, Tehran, Iran
 Tel: +98 21 6561 2062-3
 Fax: +98 21 6561 2069
 Email: info@rima.co.ir
 Website: www.rima.co.ir



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Be aware,
take care!

About Zist Abzar Co. ”

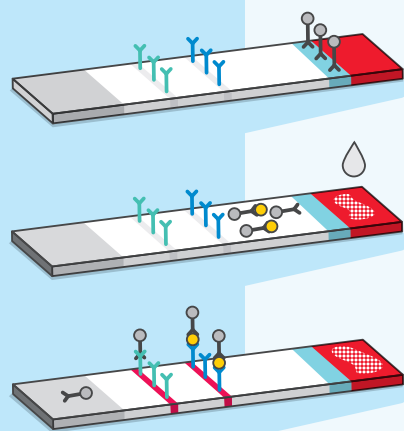


Zist Abzar Company was established with the aim of localizing the world's latest technologies in the production and commercialization of medical diagnostic products and started its activity in the direction of supplying part of the needs of medical diagnostic laboratories in the country. During its continuous activity, this company has succeeded in patenting international patents and setting up a fully mechanized production line of all types of immunochromatography kits by using nanoparticle technology. Today, with the wide range of its products in 16 diagnostic groups and their high quality, it is known as one of the manufacturers in the field of diagnostic products.

What are Rapid Test Kits? ”



Rapid assay or rapid tests are accurate, affordable and portable compared to other diagnostic methods and are used in many fields such as medicine, veterinary medicine, food and pharmaceutical industries. These tests require a small amount of samples for their performance. On the other hand, these tests are qualitative and are usually able to detect the substance in question within 1 to 10 minutes.



Using Nanoparticle technology in kits manufacturing ”



Nanoparticles are used in this test as a substrate with a high surface-to-volume ratio and mobility. In these tests, different nanoparticles are used, including gold nanoparticles and fluorescence nanoparticles, and they have the ability to perform tests qualitatively, semi-quantitatively, and quantitatively. Diagnostic molecules, in their simplest form, include monoclonal antibodies and their fragments, which can be replaced by 3D-printed spatial structures, nucleic acid fragments, other ligands, and aptamers. All the products produced in the Zist Abzar company are nanoscale certified.

About Rima ”



The Rima brand is one of the products of the large and powerful family of Zist Abzar, which has offered its products in the field of rapid diagnosis kits with the aim of raising the level of public health and the ability of accurate and fast individual diagnosis to the noble people of Iran. Rima's name is inspired by Urmia Lake, this blue jewel of our beloved Iran, to be a source of life, purity and light.



Hormone diagnostic kit ”



Hormones are chemical agents of different types that are produced and secreted in response to a specific stimulus. Rima's rapid detection kits are able to detect pregnancy hormones (HCG), ovulation (LH) and follicle stimulating hormone (FSH).

1- Pregnancy diagnostic kit

Rima rapid pregnancy test, with very high accuracy and efficiency (more than 99%), and high response speed, is a suitable, simple and affordable test. These kits are available in three groups: , cassette, midstream and strip.

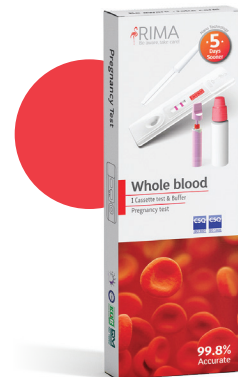
Accuracy: 99/8%
Specificity: 100%
Sensitivity: 25 mlu
The substance to be measured: Human chorionic gonadotropin (HCG)
Response speed: 1 to 3 minutes



2- Whole blood pregnancy diagnostic kit

The increase in beta-HCG hormone occurs in the blood before urination, so it has the ability to detect pregnancy more quickly and accurately.

Accuracy: 99/8%
Specificity: 100%
Sensitivity: 10 mlu
The substance to be measured: Human chorionic gonadotropin (HCG) hormone
The specimen to be measured: blood
Response speed: 1 to 3 minutes



3- LH diagnostic kit

Ovulation hormone (LH) is a glycoprotein with a molecular weight of 30,000 daltons. FSH and LH hormones are responsible for regulating ovulation, ovarian function and menstrual cycle length. These kits are in three groups: , cassette, midstream and strip.

Accuracy: 99/8%
Specificity: 100%
Sensitivity: 25 mlu
The substance to be measured: Luteinizing hormone (LH)
Response speed: 20 seconds to 3 minutes



4- FSH diagnostic kit

FSH hormone in women causes the growth of ovarian follicles. The most common reasons for performing this test in women include: investigation of infertility problems, investigation of irregular menstrual cycle, diagnosis of pituitary gland disorders or ovarian diseases.

Accuracy: 99/8%
Specificity: 100%
Sensitivity: 25 mlu
The substance to be measured: Follicle-stimulating hormone (FSH)
Response speed: 1 to 3 minutes



Drug of Abuse diagnostic kit ”



One of the most used rapid tests is drug of abuse diagnostic kits. In this type of assay, the desired drug residue in people's urine is used, to detect its concentration.

1- Morphine diagnostic kit

In 1804, the first opium alkaloid was named morphine, which was derived from the word Morpheus, the ancient Greek god of dreams.

Accuracy: 98/3%
Specificity: 100%
Sensitivity: 300 ng/mL
The substance to be measured: Morphine and its metabolites
Response speed: 1 to 3 minutes



2- Amphetamine diagnostic kit

Amphetamines are a group of brain stimulants, structurally related to the neurotransmitters norepinephrine, epinephrine, and dopamine.

Accuracy: 98/3%
Specificity: 100%
Sensitivity: 500 ng/mL
The substance to be measured: Amphetamine and its metabolite
Response speed: 1 to 3 minutes



3- Methamphetamine diagnostic kit

Methamphetamine, known on the black market as , Crystal is the name of a stimulant.

Accuracy: 98/3%
Specificity: 100%
Sensitivity: 500 ng/mL
The substance to be measured: Methamphetamine and its metabolite
Response speed: 1 to 3 minutes



4- Hashish diagnostic kit

Hashish is a substance obtained from the hemp plant. The difference between hashish and marijuana is that marijuana is obtained from the dried leaves and flowers of the hemp plant.

Accuracy: 98/3%
Specificity: 100%
Sensitivity: 50 ng/mL
The substance to be measured: THC (Tetrahydrocannabinol)
Response speed: 1 to 3 minutes



5- Methadone diagnostic kit

Methadone is a drug used to treat addiction. Methadone is an industrial drug that is used in tablets, syrups and ampoules.

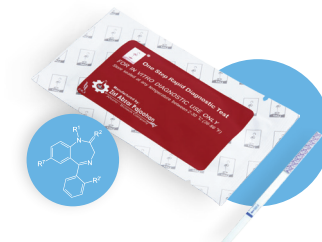
Accuracy: 98/3%
Specificity: 100%
Sensitivity: 300 ng/mL
The substance to be measured: MTD (Methadone)
Response speed: 1 to 3 minutes



6- Benzodiazepine diagnostic kit

Benzodiazepines are drugs used to treat anxiety and sleep disorders.

Accuracy: 99/8%
Specificity: 100%
Sensitivity: 300 ng/mL
The substance to be measured: Benzodiazepine and its metabolites
Response speed: 1 to 3 minutes



7- Tricyclic antidepressant diagnostic kit

Methamphetamine, known on the black market as , Crystal is the name of a stimulant.

Accuracy: 99/8%
Specificity: 100%
Sensitivity: 1000 ng/mL
The substance to be measured: Tricyclic antidepressant
Response speed: 1 to 3 minutes

