

2023



Arvin BioHealth

Arvin Bio Health (ABH)

A knowledge-based enterprise

A APN Holding company

MIKROGEN
DIAGNOSTIK

ALCOR
SCIENTIFIC

EMOSIS
THE OTHER COLORS OF BLOOD

SIEMENS
Healthineers

HYPHEN
BioMed

sysmex



APH
Arvin Pharma

ALAB
Arvin Lab

ABH[®]
Arvin BioHealth

APN[®]
ARVIN PAZHOOHAN NOOR
Laboratory and Pharmaceutical

Arvin BioHealth (ABH) enterprise was established as a knowledge-based company in 2015 under the Arvin Pazhoohan Noor (APN) holding. This company succeeded in achieving the approval



of governmental scientific and innovation organizations with the effort of faculty university members and research centers due to their approach based on the world's requirements in the field of vaccines and diagnostic assays. This company has started its activities in the fields of research, development, production, and distribution of medical diagnostic products, including rapid diagnostic tests, enzyme-linked immunosorbent assay (ELISA), and diagnostic reagents. Moreover, the production of raw materials used in the vaccine industry and biotechnology products is one of the company priorities. The ultimate, main, and long-term objectives are research and localization of novel technologies in the fields of biology, medicine, veterinary, and agriculture to create a healthy society.

ABH company is always trying to provide accurate, reliable, simple, cost-effective, and suitable diagnostic tools for users and the environment. These products can be widely used in hospitals, clinical laboratories, physician's offices, veterinary clinics, and home use for screening, prognosis, diagnosis, and treatment monitoring. For the first time in Iran, our company succeeded to produce rapid tests for diagnosis of pet disease under approval of the veterinary organization. For this purpose, it has provided infrastructure such as advanced machines, clean rooms, experienced professional employees, and a quality control management system for medical products according to the requirements specified in EN:ISO 13485:2016.



Dr. Hassan Morovati Khamsi, PhD

Founder and Chairman of Arvin Pazhoohan Noor Holding and Assistant Professor at Razi Vaccine and Serum Research Institute with more than 25 years of experience in Clinical Diagnostics, biopharmaceutical and vaccine industries.

Certificates



R&D



Research and Development (R&D) departments play a critical role in ABH enterprise. Our R&D team experts are responsible for researching emerging technologies and trends in IVD industry, developing and testing new products, improving assay kits and services, and collaborating with other departments.



Recently our **R&D team** has been working on developing various assays based on lateral flow assay and enzyme-linked immunosorbent assay. Furthermore, we are able to turn your idea into a prototype while doing all the necessary research.



arvinbiohealth.com

ELISA Kit



Drugs of Abuse



Cardiac Troponin - I (cTnI)



Fecal Occult Blood (FOB)



Veterinary Kit



HCG Pregnancy



The key to health & happiness

Virology

Clinical virology has been rapidly changing during the last years. A modern clinical virology laboratory performs various tests, such as rapid antigen testing, serology or molecular diagnostics in order to provide the best services to the healthcare institutions and patients.



Test Item	REF. No.	Packing Size
SARS-CoV-2 Antigen Rapid Test Kit	ABH-IC05-CoVAg	10 T/Kit
SARS-CoV-2 Antigen Rapid Test Kit	ABH-IC12-CoVAg	1 T/Kit
SARS-CoV-2 IgG and IgM Antibody Test Kit	ABH-IC04-CoVAg	20 T/Kit
SARS-CoV-2 IgG and IgM Antibody Test Kit	ABH-IC13-CoVAg	1 T/Kit
SARS-CoV-2 Neutralizing Antibody Test Kit	ABH-IC07-NTLAB	20 T/Kit
SARS-CoV-2 Neutralizing Antibody Test Kit	ABH-IC14-NTLAB	1 T/Kit



Drugs of Abuse



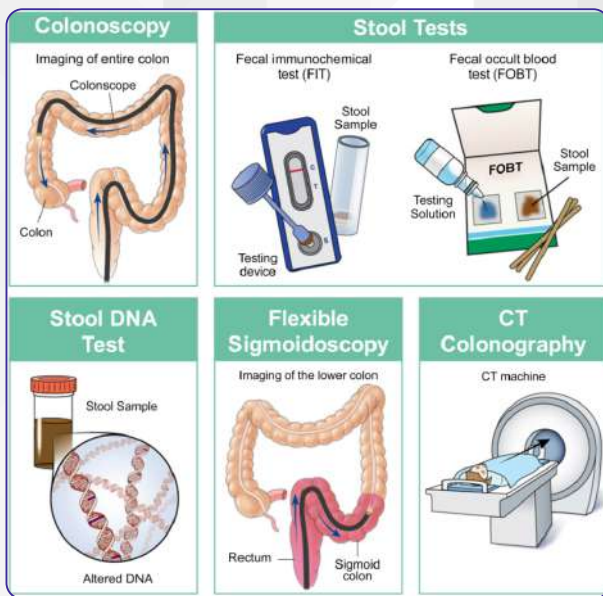
The ABH drugs of abuse tests are rapid qualitative tests to detect the presence of a variety of drugs of abuse from human urine samples. These tests are for in vitro use only for medical or other professional use. Individuals tests or multi-tests are available from the list of drugs of abuse below.

Our R&D team has unique experience in the development of drugs of abuse assays that enable us to provide you various drugs of abuse test with different customized cut-offs.

Rapid Test Item	Sample	Cut-off	REF. No.	Packing Size
Amphetamine (AMP)	Urine	500 ng/mL	ABH-IC09-AMP	100 T/Kit
Methamphetamine (MET)	Urine	500 ng/mL	ABH-IC10-MET	100 T/Kit
Morphine (MOP)	Urine	300 ng/mL	ABH-IC11-MOP	100 T/Kit
Tramadol (TRA)	Urine	100 ng/mL	ABH-IC17-TRA	100 T/Kit
Marijuana (THC)	Urine	50 ng/mL	ABH-IC18-THC	100 T/Kit
Methadone (MTD)	Urine	300 ng/mL	ABH-IC21-MTD	100 T/Kit
Buprenorphine (BUP)	Urine	10 ng/mL	ABH-IC22-BUP	100 T/Kit
Cocaine (COC)	Urine	300 ng/mL	ABH-IC23-COC	100 T/Kit
Barbiturates (BAR)	Urine	300 ng/mL	ABH-IC24-BAR	100 T/Kit
Tricyclic Antidepressant (TCA)	Urine	1000 ng/mL	ABH-IC25-TCA	100 T/Kit
Multi Drug (3 Drugs)	Urine	MOP/AMP/MET	ABH-IC19-Drug3	25 T/Kit
Multi Drug (5 Drugs)	Urine	MOP/AMP/MET/MTD/THC	ABH-IC29-Drug5	25 T/Kit
Multi Drug (6 Drugs)	Urine	MOP/AMP/MET/MTD THC/TRA	ABH-IC30-Drug6	25 T/Kit
Multi Drug (10 Drugs)	Urine	MOP/AMP/MET/MTD/THC TRA/BUP/COC/TCA/BAR	ABH-IC31-Drug10	25 T/Kit

Fecal Occult Blood Rapid Test

A fecal occult blood (FOB) test is a rapid, simple and single-step test that looks for blood in the stool. This test enables us to trace a small amount of blood that isn't observable with the naked eye. The bleeding in the digestive tract isn't normal and is usually a sign of a health condition such as polyps, hemorrhoids, diverticulosis, ulcers, colitis, and colorectal cancer. Therefore, accurate detection of FOB is essential for prognosis or early diagnosis to reduce morbidity and improve treatment outcome.



Rapid Test Item	Sample	Cut-off	REF. No.	Packing Size
Fecal Occult Blood (FOB)	Stool	50 ng/mL	ABH-IC26-FOB	25 T/Kit



HCG Pregnancy Rapid Test

This ultra-sensitive pregnancy rapid test has a sensitivity of 25 mIU/mL and is one of the most sensitive pregnancy tests available. This extra sensitive pregnancy test makes it possible to determine a pregnancy extra early from 6 days before the period is over. ABH provides HCG pregnancy rapid test in midstream, cassette, and strip format.

Features

Test time: 5 min

Specimen: Urine/Serum

Storage temperature: 2-30°C /36-86°F

Clinical performance

Sensitivity: 99%

Specificity: 99.1%



Rapid Test Item	Sample	Cut-off	REF. No.	Packing Size
HCG Pregnancy	Urine	25 mIU/mL	ABH-IC15-HCG	1 T/Kit
Human Chorionic Gonadotropin (HCG)	Urine/Serum	25 mIU/mL	ABH-IC20-HCG	50 T/Kit

Cardiac troponin-I (cTnI) Rapid Test

The ABH Cardiac troponin-I (cTnI) Rapid Test is a lateral flow chromatographic immunoassay for the qualitative detection of cTnI at the level equal 0.5 ng/mL. This test is intended to be used by health care professionals to diagnose acute myocardial infarction (AMI). As a preliminary test, the results must rely on patient's symptoms and the physician's judgment. Moreover, precise method such as ELISA must be used to confirm the test result obtained by cTnI rapid test.

Features

Test time: 10 min

Specimen: Serum/Plasma/Whole blood

Storage temperature: 2-30°C /36-86°F

Clinical performance

Sensitivity: 98.2 %

Specificity: 98.7%



Rapid Test Item	Sample	Cut-off	REF. No.	Packing Size
Cardiac Troponin-I (cTnI)	Whole blood Serum/Plasma	50 ng/mL	ABH-IC06-cTnI	25 T/Kit

Veterinary



- **Rapid**
- **Accurate**
- **Convenient**
- **Reliable**



Feline Panleukopenia virus (FPV Ag) test kit

(immune colloidal gold)

General matters

Purpose: Rapidly test the feline panleukopenia virus antigen

Principle: Immune colloidal gold immunochromatography

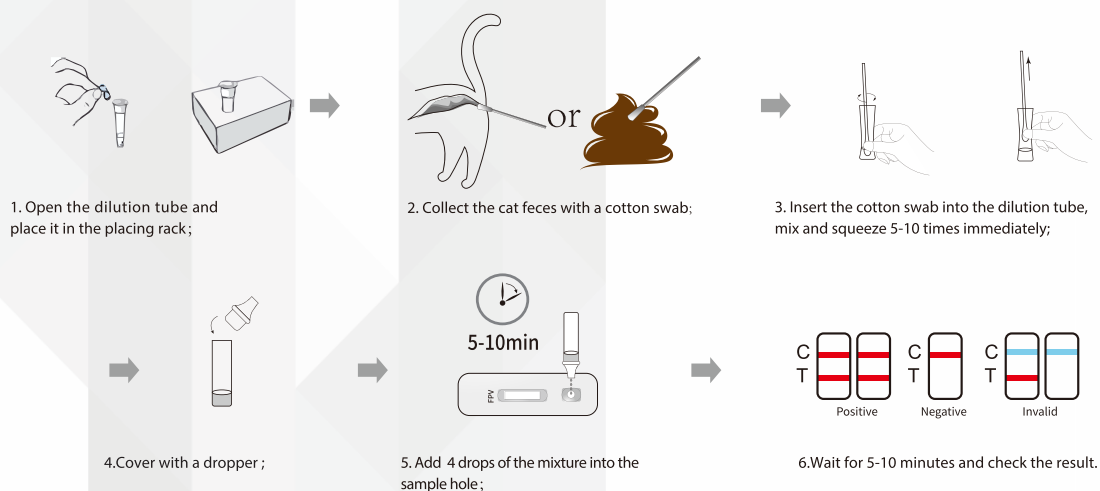
Sample: Cat feces

Characteristics

- ▶ One-step test: Easy to use, with time and labor saving
- ▶ Test time: Within 5-10 min
- ▶ Storage temperature: 2-30°C/36-86°F
- ▶ Sensitivity: 97.4%
- ▶ Specificity: 98.1%



Test steps



Order Information

Product Name	Abbreviation	Item No.	Application Platform	Specifications
Feline panleukopenia virus test kit	FPV Ag	ABH-IC01-FPV	Immune colloidal gold	10T/BOX

Canine Distemper virus (CDV Ag) test kit

(immune colloidal gold)

General matters

Purpose: Rapidly test the canine parvovirus/coronavirus

Principle: Immune colloidal gold immunochromatography

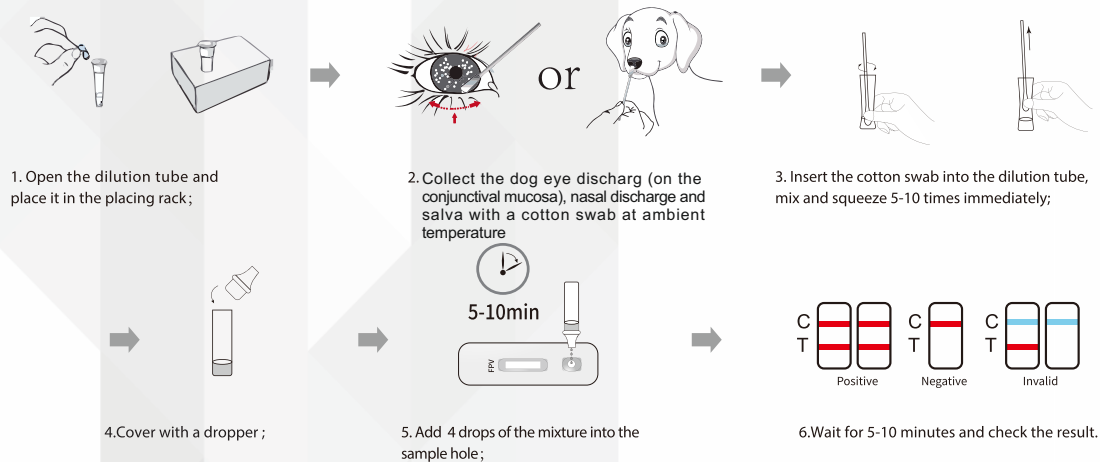
Sample: Dog eye discharge (on the conjunctival mucosa), nasal discharge and saliva

Characteristics

- ▶ One-step test: Easy to use, with time and labor saving
- ▶ Use high purity raw and high quality materials
- ▶ Test time: Within 5-10 min
- ▶ Storage temperature: 2-30°C/36-86°F
- ▶ Sensitivity: 97.3%
- ▶ Specificity: 100%



Test steps



Order Information

Product Name	Abbreviation	Item No.	Application Platform	Specifications
Canine distemper virus test kit	CDV Ag	ABH-IC02-CDV	Immune colloidal gold	10T/BOX

Canine Parvovirus (CPV Ag) test kit

(immune colloidal gold)

General matters

Purpose: Rapidly test the canine parvovirus coronavirus

Principle: Immune colloidal gold immunochromatography

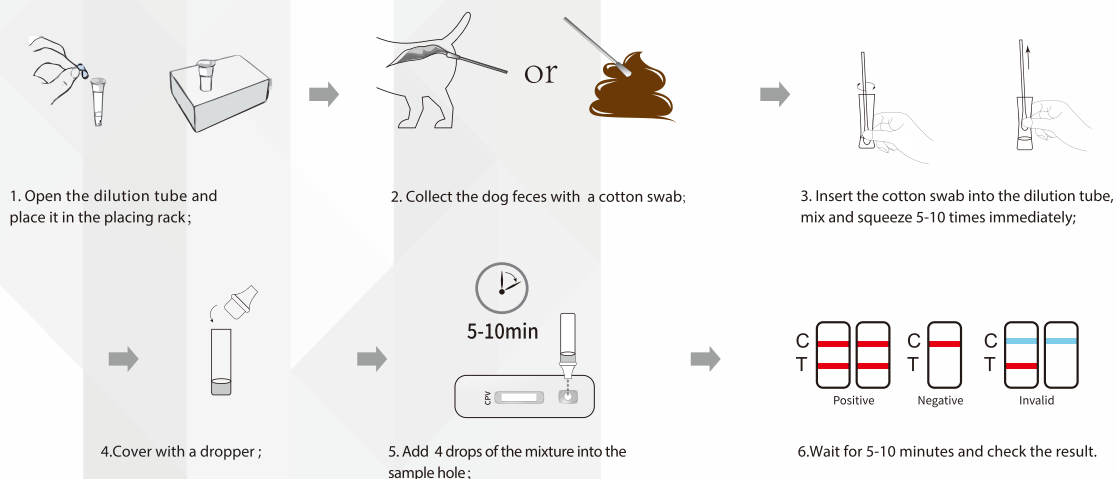
Sample: Dog feces

Characteristics

- ▶ One-step test: Easy to use, with time and labor saving
- ▶ Use high purity raw and high quality materials
- ▶ Test time: Within 5-10 min
- ▶ Storage temperature: 2-30°C/36-86°F
- ▶ Sensitivity: 97.6%
- ▶ Specificity: 100%



Test steps



Order Information

Product Name	Abbreviation	Item No.	Application Platform	Specifications
Canine parvovirus test kit	CPV Ag	ABH-IC03-CDV	Immune colloidal gold	10T/BOX

Enzyme-Linked Immunosorbent Assay Kits

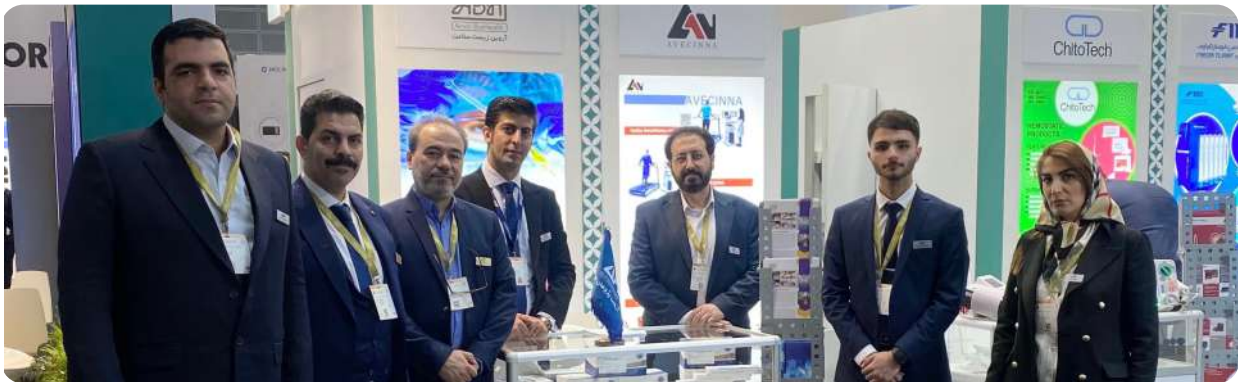
Our high experienced R&D team has designed, tested, and optimized Enzyme-Linked Immunosorbent Assay (ELISA) Kits to ensure the highest level of performance in analyte quantification. Multiple steps are taken during development to ensure the high quality and perfect performance of ELISA kits. These include:

- Choosing the best antibody pairs
- Automated microplate coating with low coefficient variation.
- Cross-reactivity and interference check
- Performance testing with all validated sample types



Test Item	Sample	REF. No.	Packing Size
Human Chorionic Gonadotropin (β -HCG) ELISA Kit	Serum, Plasma	ABH-EI01-HCG	96 T/Kit
β -HCG Rapid ELISA Kit	Serum, Plasma	ABH-EI04-HCGR	96 T/Kit
Microalbumin ELISA Kit	Urine	ABH-EI05-mAlb	96 T/Kit
Prostate Specific Antigen (PSA) ELISA Kit	Serum, Plasma	ABH-EI03-PSA	96 T/Kit
Ferritin ELISA Kit	Serum, Plasma	ABH-EI02-Fer	96 T/Kit
Heparin Induced Thrombocytopenia (HIT) ELISA Kit	Serum, Plasma	ABH-EI06-HIT	96 T/Kit

Arvin BioHealth Photos







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arvinbio
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www.arvinholding.com
info@arvinholding.com