

Geneally™

Tianjin Geneally Biotechnology Co.,Ltd

IVD Sample Collection Kit, PCR Kit
and Rapid Test Kit
www.geneally.net



nucleic acid collection

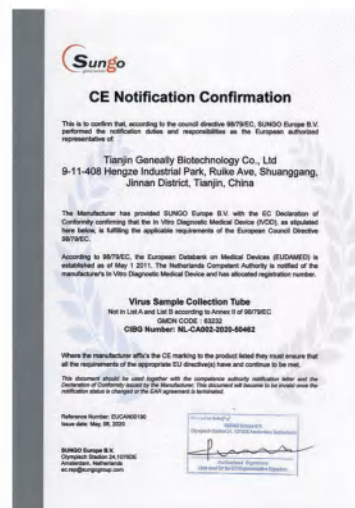


nucleic acid storage



nucleic acid purification

Tianjin Geneally Biotechnology Co., Ltd. is a high-tech company committed to IVD sample collection kit, lyophilized PCR kit and Rapid Test Kit. The main products includes Saliva sample collection kit, Virus Sample Collection Tube, DNA/RNA extraction kit, DNA/RNA Auto extraction system, swab, DNA storage card, PCR kits and colloidal gold detection kit . After years of product development and process optimization, Geneally has gained independent intellectual property rights and core technics in the field of In Vitro Diagnostics. Geneally has also built the GMP workshops in accordance with national standard, and has been authorized the ISO9001, ISO13485 quality management system certification. All of our products comply with international quality standards and are greatly appreciated in a variety of different markets throughout the world.



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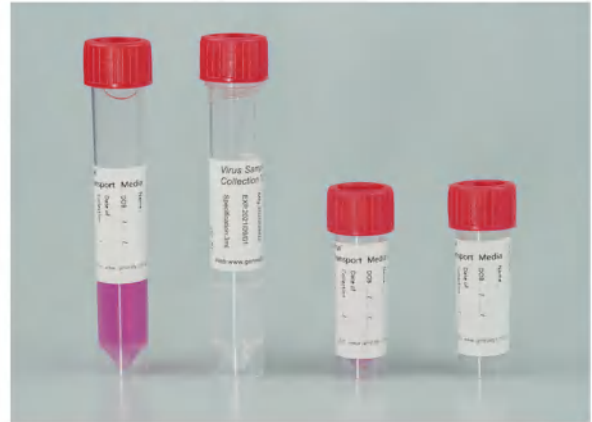
Viral Transport Medium

Product Description

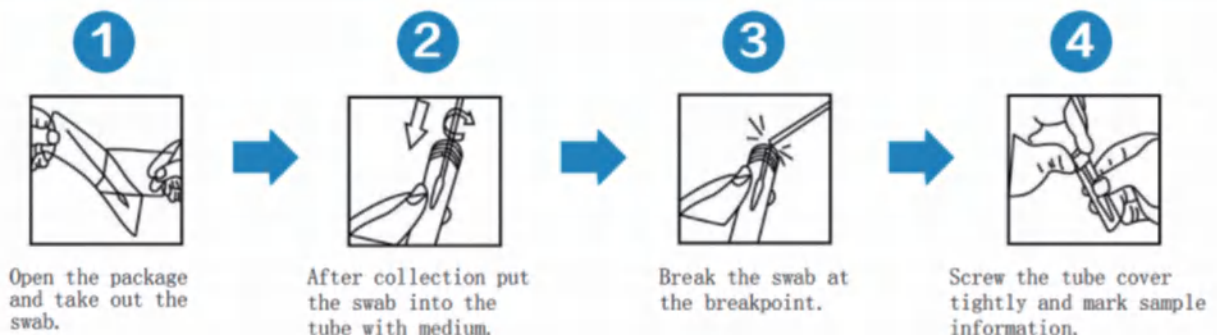
Specimen Collection Kits combine nasopharyngeal & oropharyngeal swabs and Viral Transport Medium suitable for room temperature collection, transport and maintenance clinical specimens containing viruses, including COVID-19.

Key Features

- High Efficiency And Safe
the main chemical components contained in the medium can effectively denature proteins and inactivate diverse viruses in the samples.
- Wide range of applications
It is suitable for collection, transportation, and storage of clinical specimens containing viruses, including covid-19, chlamydia, mycoplasma, or ureaplasma organisms.
- Rapid Release and Dispersion
innovative technology to provide outstanding sample collection and release
Reliable Molded Breakpoint.
- Easy to allow the swab break into the tube



Instructions



Saliva sample collection kit

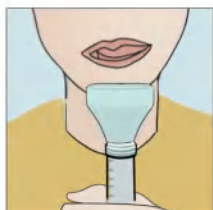
Product Description

Saliva Sample Collection Kit is designed for the collection and preservation of nucleic acids (DNA/RNA) from saliva samples. The medium in saliva collection kit also could inactivate viruses making samples safe and ready for transport. Samples stored in the Saliva Collection tube are stable at ambient temperature, and can be frozen for longer-term storage.



Key Features

- Obtaining saliva is rapid, simple, and painless, making this sample an uncomplicated tool for disease screening.
- High efficiency and safe
Enabling large-scale virus testing while protecting health professionals from exposure.
- Increased patient convenience
Patients can collect the specimen themselves in the privacy of their home.
- Guanidine, Inactivated



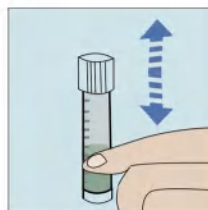
Spit into the funnel until saliva volume reaches the specified value



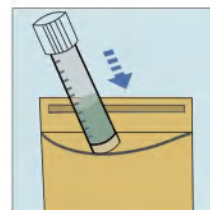
Open the tube of VTM and make the VTM flows into the funnel tube.



Keep the tube upright and carefully remove the funnel



Tight the cover and reverse the collection tube several times. Mix saliva and VTM well.



Wipe the tube clean and put it in the specimen bag

Swabs

Swab

Swabs consist of a molded plastic applicator stick with variable tips, coated with Cotton fibers creating a thin absorbent layer, which allows for quick DNA/RNA sample uptake and complete sample elution.



Key Features

- Designed for DNA/RNA sample collection in Disease diagnosis
- Quick absorption and releasing
- Easily breakable tip design could benefit the sample treatment by auto extraction workspace

Foam Tip Swab

The tip of Foam swab is made from the open-cell foam securely bonded to a polystyrene shaft. And tips are affixed by heat seal to prevent tip loss.



Key Features

- For specimen collection for diagnostic testing
- Buccal and other cell collection for testing and screening
- DNA testing of family/species/gender
- Diagnostic cell collection



Trace Biological Evidence Sticking Device

Product Description

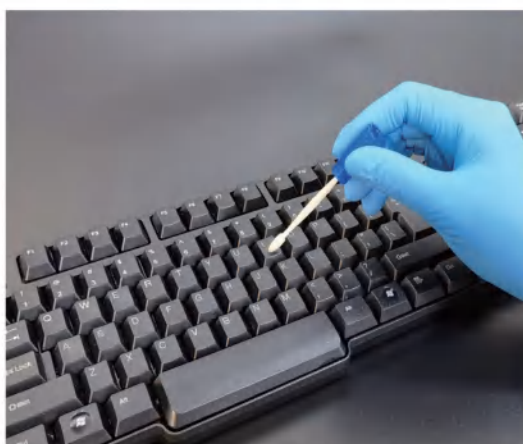
Trace biological evidence sticking device is suitable for biological sample collection, delivery and storage, especially for biological samples in the narrow gaps of crime scenes, such as computer keyboard, wall tiles, nails, etc. The unique design could avoid the biological samples falling off during transportation and delivery, making laboratory testing and analysis more convenient and accurate.













Key Features

- The unique design especially the tip design, which is convenient to reach into narrow gaps to extract blood spots, sperm spots, exfoliated cells and other trace biological samples.
- It does not need to be dipped in water for wiping, just stick to the trace biological samples directly.
- The tube body is transparent, and the inspection materials are intuitively visible.
- The breakable point design avoids the potential contamination caused by cutting the swab with scissors, which is conducive to the subsequent DNA purification process.

Instructions



Trace Biological Evidence Sticking Device	Catalogue Number	Description	Shape of Sticker Tip
Cone	TECS1508		
Spherical	TECS1509		
Shovel	TECS1802		
Cylindrical	TECS1802		
Needle	TECS1803		

Buccal Collection Card(Indicating Card)

Product Description

Buccal collection card is one kind of Cellulose matrix for DNA storage, especially for the collection, transportation and storage of different kinds of biological fluid, such as saliva, and cell culture fluid. By the distinct fomular and production engineering, when the biological sample contacts with the buccal collection card, the color of the card will change from pink to white, which indicate the area for the PCR process.



Precise and long-term-stable color indication. When biological fluid contacts with buccal collection card, the color changes from pink to white immediately, ensuring the efficacy of finding the location of buccal cells.



This innovatively designed oral cell collection process eliminates the need for collection swabs. we could put the collection surface of the collection card directly into the mouth to collect oral cells. So this design can improve the problem of oral cell loss during the transfer process of traditional methods.

Key Features

- Precise and long-term-stable color indication. When biological fluid contacts with buccal collection card, the color changes from pink to white immediately, ensuring the efficacy of finding the location of buccal cells.
- Secured DNA collection mode and avoid the contamination of DNA enzyme and possible amplified human DNA.
- Lower the harm to objects during the sample collection and avoid the defensiveness of objects.

DNA Storage Card

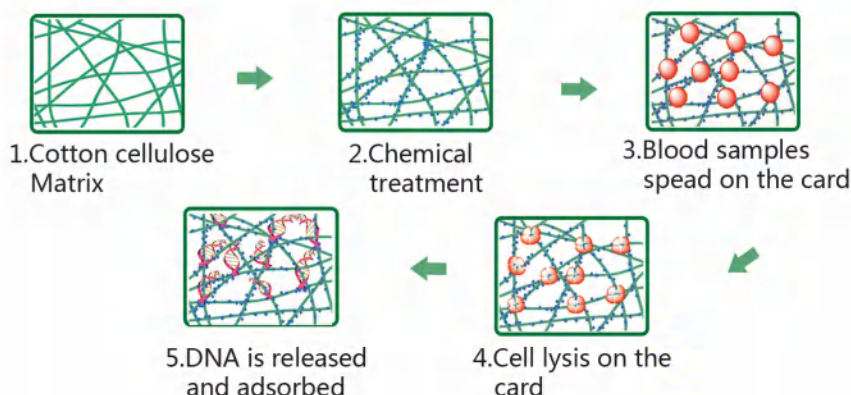
Product Description

DNA storage card is an easy-to-use system for collection, preservation, and long-term storage of nucleic acids at room temperature. The card matrix is chemically-treated to enable cell lysis and protein denaturation. Nucleic acids are immobilized and preserved for long-term storage at room temperature. The card collection devices are available in one-, two-, and four-spot formats.



Key Features

- Facilitates high quality STR profiles with direct PCR amplification kits.
- Prevents growth of microorganisms, enabling long-term room temperature storage, lower the cost for DNA storage.
- Easily automated with commercially-available punching systems to minimize manual handling and maximize sample integrity.
- Denature pathogenic microorganism and virus in the sample and avoid the contamination to the operators.
- Could be used for DNA sample transportation under room temperature.
- One sample could be used for multi-purpose test with multi-times, convenient for.



Urine Collection Kits

Product Description

The chemical components in Urine Collection Kits could effectively denature proteins and inactivate a variety of microorganisms to eliminate the need to immediately process or freeze urine samples. So Urine Collection Kits could provide a rapid and simple method for the collection, preservation and shipping of urine samples at ambient temperature.



Key Features

- High efficiency and safe microbial inactivation
- Urine preservation reagent could available in a single dose
- Urine preservation reagent also could available in Effervescent Tablet
- Effectively preserves DNA and RNA in urine at ambient temperatures

Fecal Collection Kits

Product Description

Fecal Collection Kits are designed for fecal sample stability during storage or transport at ambient temperatures without the need for freeze sample or specialized equipment.

Key Features

- Strong water-absorbing desiccant inside, quickly and actively absorbs water, which reduce DNA enzymes degrade DNA.
- The swab head is suspended in the tube and quickly dried. Compared with methods of freezing preservation, the cost is lower and more efficient.
- Pure cotton material to avoid microbial contamination on DNA testing.
- The tube body is transparent, and the condition of the sample is directly visible.
- The dry and closed storage tube prevents the samples from mildew and degradation caused by humid environment.



Magnetic Beads

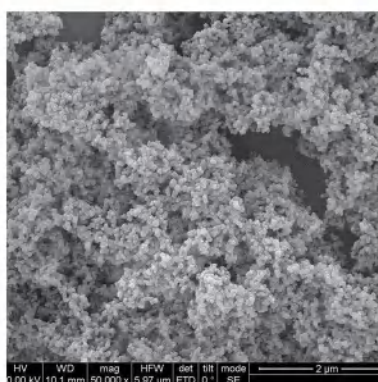
Product Introduction

Geneally™ could provide magnetic beads of nucleic acid extraction which have a large specific surface area and magnetic induction intensity, and their surface silanols can rapidly and specifically bind to nucleic acid in high salt buffer solution. Magnetic Beads have a high yield and high purity, and works well with many lysis systems and various brands of automated nucleic acid extraction platforms on the market.

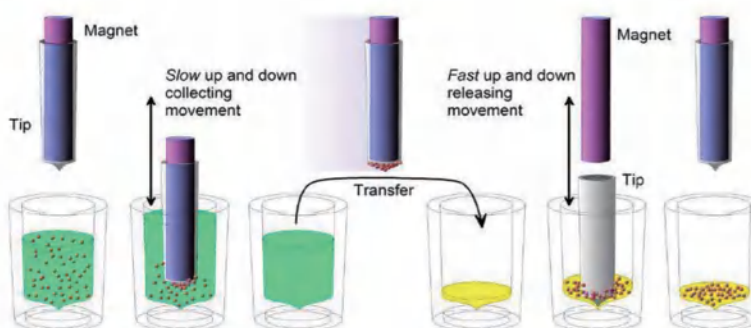
Key Features

- Uniform nano-magnetic beads, significantly reducing the interference of magnetic beads aggregation on nucleic acid extraction.
- Smaller particle size and larger specific surface area provide more space for nucleic acid sample binding.
- Uniform particle size distribution, highly reproducible and efficient free nucleic acid enrichment and separation.
- Larger magnetic intensity, rapid magnetic reaction is more effective in separating free nucleic acid and other samples.

Product Feature



SEM of magnetic beads



purification process

Nucleic Acid Purification Kits

Product Description

Magnetic bead extraction reagent adopts magnetic beads and buffer system with unique separation function, and can separate and purify high-quality DNA and RNA from Clinical Serum, Plasma, Swab, Urine, Feces and Blister Fluid samples.

Magnetic Beads Nucleic Acid Purification Kits are automation-ready plates prefilled suitably configured for Instruments. The beads / nucleic acids complex are then separated from lysates using a magnet. Purified DNA/RNA are then eluted when the buffer condition is adjusted.



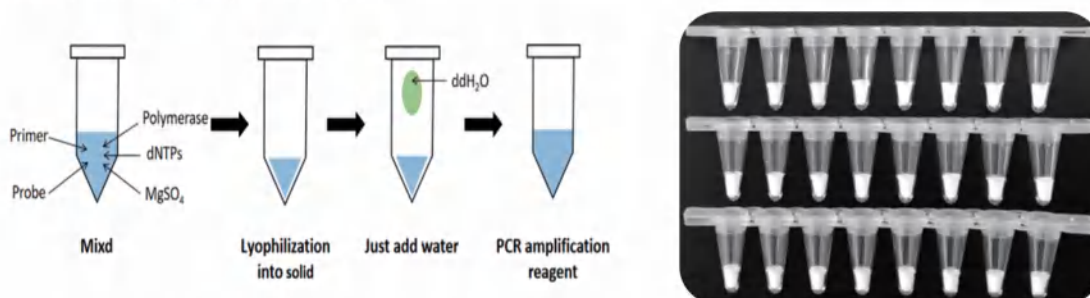
Key Features

- Simple and fast: with the pre-packaged kit, only sample addition is required before using our Purifier Instrument. It can be as fast as 30 min for 32/96 samples one time.
- Suitable for all kinds of complex samples DNA/RNA extraction: whole blood, plasma, saliva, mouth swab, tissue lapping fluid, lymph, internal organs and so on.
- Safe and convenient for processing, high quality and high yield DNA/RNA.

Lyophilized PCR Kits

Product Description

Lyophilized PCR kits could be designed for single or multiplex PCR analysis. The robust assay design provides highly accurate, reproducible, and reliable results, with the enhanced stability of a lyophilized format. The advantages of lyophilized PCR kits can be stored and transported at room temperature greatly expand the actual use scenarios of normal PCR kits and avoids the dependence on cold chain transportation.



Under controlled temperature and pressure, water sublimates moving from the solid into the vapour state. In the presence of protectants, many biological materials may be frozen and using a carefully controlled change in temperature and pressure, >95% of the water may be removed. Lyophilisation process could leave the biological material both intact and active.

Key Features

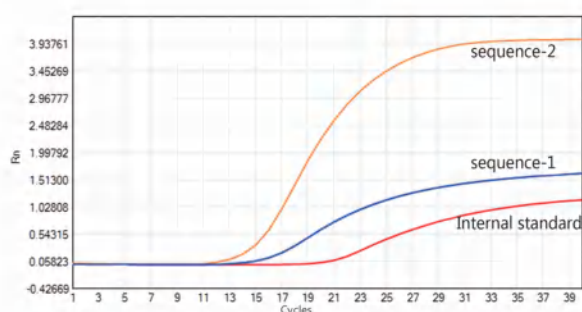
- Wide Application- Areas that cannot be reached by cold chain transportation; long-term field experiments.
- Convenience—simply add nucleic acid sample to the Freeze-dried reagent and run; no pre-mixing or master mix preparation required.
- Consistency—fewer operator steps means reduced error and increased reproducibility across time, users, and laboratories.
- Improved data accuracy—an internal positive control is included to monitor PCR.
- Fast chemistry—50-min run time with Fast cycling.

Lyophilized PCR Kits(Infectious Disease)

Featured Products

Leishmania Donovanii Detection Kit (qPCR method)

The primers and probes are designed according to the conserved region of Leishmania donovani, which can specifically detect Leishmania donovani in the sample



Key Features

- Easy to operate, the user only needs to provide the DNA template. The primers and probes have been optimized and have high sensitivity.
- The limit of detection is 1 pg/uL.
- Provide a positive DNA to distinguish false negative samples.
- This kit is enough for 100 times of TaqMan probe fluorescence quantitative PCR in a 20uL system.

Category

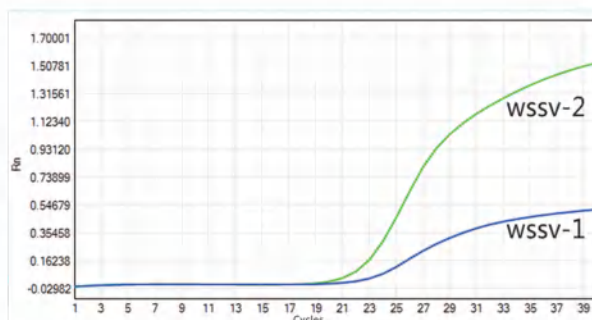
Category	Product Name	QTY
Infectious Disease	Leishmania Spp PCR Kit	20T/Box
	Influenza Virus PCR Kit	20T/Box
	Vibrio cholerae PCR Kit	20T/Box
	Plasmodium universal PCR Kit	20T/Box
	Nucleic acid of multiple respiratory pathogens PCR Kit	20T/Box
	Blood pathogenic bacteria PCR Kit	20T/Box
	Intestinal pathogen PCR Kit	20T/Box
	Human papillomavirus type PCR Kit	20T/Box
	Yersinia pestis PCR Kit	20T/Box

Lyophilized PCR Kits(Aquatic Disease)

Featured Products

White Spot Syndrome Virus(WSSV) Detection Kit (qPCR method)

The primers and probes are designed according to the conserved region of wssv, which can specifically detect WSSV in the sample



Key Features

- Provide a positive DNA to distinguish false negative samples.
- This kit is enough for 100 times of TaqMan probe fluorescence quantitative PCR in a 20uL system.
- Easy to operate, the user only needs to provide the DNA template
The primers and probes have been optimized and have high sensitivity.
- The limit of detection is 1 pg/uL.

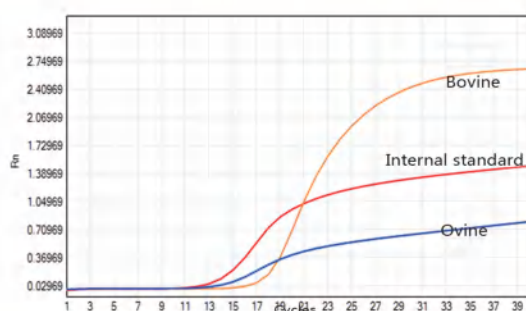
Category

Category	Product Name	QTY
Aquatic Disease	Shrimp White Spot Syndrome PCR Kit	20T/Box
	Shrimp Yellow Head PCR Kit	20T/Box
	Penaeid Baculovirus PCR Kit	20T/Box
	Infectious Muscle Necrosis PCR Kit	20T/Box
	Grass Carp Hemorrhagic Disease Type I Virus PCR Kit	20T/Box
	Grass Carp Hemorrhagic Disease II Type Virus PCR Kit	20T/Box

Lyophilized PCR Kits(Food Safety)

Featured Products

Bovine ingredients in ovine milk dairy products detection Kit (qPCR method)



Key Features

- Consistency—fewer operator steps means reduced error and increased reproducibility across time, users, and laboratories.
- Improved data accuracy—an internal positive control is included to monitor PCR.
- Fast chemistry—50-min run time with Fast cycling.
- Wide Application- Areas that cannot be reached by cold chain transportation; long-term field experiments.
- Convenience—simply add nucleic acid sample to the Freeze-dried reagent and run; no pre-mixing or master mix preparation required.

Category

Category	Product Name	QTY
Food Safety	Bovine-derived Components in Goat Milk Products PCR Kit	20T/Box
	Duck-derived Components in Meat Products PCR Kit	20T/Box
	Bovine-derived Components in Camel Milk PCR Kit	20T/Box
	Staphylococcus Aureus PCR Kit	20T/Box
	Salmonella, Shigella PCR Test Kit	20T/Box
	Bovine-derived Components in Goat Milk Products PCR Kit	20T/Box

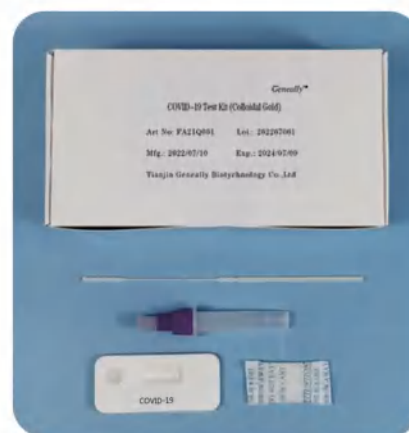
Rapid Test Kit

Product Description

Geneally™ has many years of technical accumulation in colloidal gold immunochromatography technology, and has strong technical strength in the preparation of high-quality gold nanoparticles with different particle sizes, the optimization of protein labeling processes with different characteristics, and the optimization of colloidal gold product formulations. Geneally™ could offer high quality but cost-effective colloidal gold rapid test kits including drug abuse, infectious diseases, tumors, cardiac abnormalities, and fertility.

Key Features

- Easy to use--require no equipment to process the sample or read the result.
- Wide range of applications--human clinical, pet, livestock and food safety.
- Fast results--Usually within 20 minutes.
- The characteristics of high sensitivity, strong specificity and good stability.



Featured Products

• Dengue Test Kit(Colloidal Gold)

The virus is transmitted by mosquitoes of the daytime-biting Stegomyia family, principally Aedes aegypti and Aedes albopictus. Dengue virus is an enveloped, single-stranded, positive-sense RNA virus that comprises four related but distinct serotypes (Den 1, 2, 3, and 4).

• COVID-19 Test Kit (Colloidal Gold)

COVID-19 Test Kit (Colloidal Gold) can detect the virus in the fastest way. Using colloidal gold-based lateral-flow method to detect nucleocapsid protein, it provides reliable result and needs no device, facilitating the screening of COVID-19.

Product Category

Navigate	Product Name	QTY
Fertility	(HCG)Pregnancy Test Kit	20T/Box
	(LH)Ovulation Test Kit	20T/Box
	(FSH)Follide Stimulating Hormone Test Kit	20T/Box
Drugs of Abuse	(AMP)Amphetamine Test Kit	20T/Box
	(AMP)Amphetamine Test Kit	20T/Box
	(BAR)Barbiturates Test Kit	20T/Box
	(BUP)Buprenorphine Test Kit	20T/Box
	(BZO)Benzodiazepines Test Kit	20T/Box
	(COC)Cocaine Test Kit	20T/Box
	(KET)Ketamine Test Kit	20T/Box
	(MDMA)Ecstasy Test Kit	20T/Box
	(MET)Methamphetamine Test Kit	20T/Box
	(OP)Opiates Test Kit	20T/Box
	(MOP)Morphine Test Kit	20T/Box
	(MTD)Methadone Test Kit	20T/Box
	(OXY)Oxycodone Test Kit	20T/Box
	(PCP)Phencyclidine Test Kit	20T/Box
	(TCA)Tricyclic Antidepressants Test Kit	20T/Box
	(THC)Marijuana Test Kit	20T/Box
	(PPX)Propoxyphene Test Kit	20T/Box
	(MCT)Methcathinone Test Kit	20T/Box
	(CAF)Caffeine Test Kit	20T/Box
Infectious Diseases	HBsAg Ultra Hepatitis B Surface Antigen Test Kit	20T/Box
	Anti-Syphilis Test Kit	20T/Box
	HCV Hepatitis C Virus Test Kit	20T/Box
	H. Pylori Rapid Test Kit	20T/Box
	(TB) Tuberculosis Test Kit	20T/Box
	HIV 1/2 Rapid Test Kit	20T/Box
	Mycoplasma Pneumoniae IgM Test Kit	20T/Box
	TV Ag Test Kit	20T/Box
	Rotavirus & Adenovirus Antigen Test Kit	20T/Box
	HAV Hepatitis A virus IgM Test Kit	20T/Box
	HEV Hepatitis E Virus IgM Test Kit	20T/Box
	Multi-HBV Test Device Kit	20T/Box
	Influenza A+B Ag Test Kit	20T/Box
COVID-19	COVID-19 Ag Test for selftesting	20T/Box
	COVID-19 Neutralizing Ab Test Kit	20T/Box
	CE COVID-19 Saliva Ag Test Kit	20T/Box
	Influenza A+B & COVID-19 Ag Combo Test Kit	20T/Box
	COVID-19 Ag Test Kit	20T/Box
	COVID-19 IgM/IgG Ab Test Kit	20T/Box
Tropical Infectious Diseases	Dengue IgG I IgM Test Kit	20T/Box
	Dengue NS1 Ag Test Kit	20T/Box
	Malaria Pf & Pan Test Kit	20T/Box
	Malaria Pf & Pv Antigen Test Kit	20T/Box
	Malaria Pf & Pv Antibody Test Kit	20T/Box
	Malaria Pf Antigen Test Kit	20T/Box
Tumor Marker	(FOB) Fecal Occult Blood Test Kit	20T/Box
	(AFP) Alpha-Fetoprotein Test Kit	20T/Box
	(PSA) Prostate Specific Antigen Test Kit	20T/Box
	(CEA) Carcinoembryonic Antigen Test Kit	20T/Box
Cardiac Marker	cTnI Test Kit	20T/Box
	MYO Test Kit	20T/Box
	CK-MB Test Kit	20T/Box
	Cardiac Marker Test Panel Kit	20T/Box
Health Test	(cTnI/CK-MB/MYO)	20T/Box
	(TRF)Transferrin Test Kit	20T/Box

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