

FRENOVO

Add 401, Block 36, 488-1 North Donghu Road, Linping, Yuhang District,
Hangzhou 311199, Zhejiang Province, China

Tel 0571-89170657 **Email** enquiry@frenovo.com **Web** www.frenovobio.com



- Website -



- Catalogue -



FRENOVO

© Product Catalog

HANGZHOU FRENOVO BIOTECH., LTD.

Email enquiry@frenovo.com

About Us

Frenovo is committed to provide consistent high quality raw materials, rapid diagnostic test kit and practical technical solutions for global researchers and manufacturers in life science and in vitro diagnostic filed, especially rapid diagnostic filed.

Through years of efforts on numerous exploratory experiments and mass production practice, we understand profoundly that to make a world class high quality diagnostic test kit, choosing proper materials are the fundamental factor. On the other hand, to commercialize a diagnostic test product from laboratory to a mass production scale engages more professional arrangement in systematic production process control.

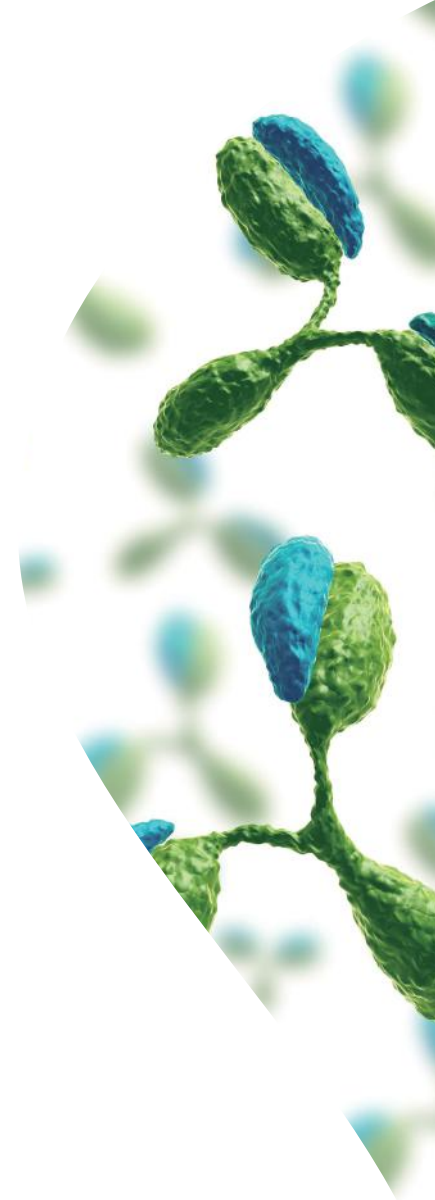
Based on this perception, we are serious to supply every client of consistent high quality raw materials and help client properly layout the production line in order to produce high quality diagnostic products.

FRENOVO

- IVD RAW MATERIALS
- OEM SERVICES
- TECHNICAL SERVICES
- INSTRUMENTS

Our Mission

With our up-to-date expertise raw materials and mass production technology, we aim to be a long-term trustworthy partner and strong supporter to facilitate our client's business by helping them produce world class accurate in vitro diagnostic kits in a more effective and lower cost way, so to benefit patients all over the world.



Product	Catalog	Source	Recommended Use	Platform
Infectious Diseases				
* SARS-CoV-2 N-S Antigen	GHCA105-10	CHO Cell	Detection	Colloidal gold
SARS-CoV-2 RBD Antigen	GHCA105-15	CHO Cell	Capture	Colloidal gold
SARS-CoV-2 RBD Antigen	GHCA105-16	CHO Cell	Detection	Colloidal gold
SARS-CoV-2 N Antigen	GHCA105-11	E.coli	Calibrator/Detection	Colloidal gold
* SARS-CoV-2 N Antibody	GHMA105-17	mouse	Capture	Colloidal gold
* SARS-CoV-2 N Antibody	GHMA105-15	mouse	Detection	Colloidal gold
SARS-CoV-2 RBD Antigen	GHCA105-15	CHO cell	Detection	Colloidal gold
SARS-CoV-2 RBD Antigen	GHCA105-16	CHO cell	Capture	Colloidal gold
SARS-CoV-2 RBD-hFc Antigen	GHCA105-7	CHO cell	Control	Colloidal gold
SARS-CoV-2 RBD Antibody	GHMA105-2	CHO cell	Capture	Colloidal gold
SARS-CoV-2 RBD Antibody	GHMA105-1	CHO cell	Detection	Colloidal gold
* HAV Antigen	GHCA031	E.coli	Detection	Colloidal gold
* HAV polyclonal Antibody	GHPA001	Rabbit	Control line	Colloidal gold
* HBsAg Antibody	GHMA025	mouse	Capture	Colloidal gold
* HBsAg Antibody	GHMA026	mouse	Detection	Colloidal gold
HCV Antigen	GHCA061-1	E.coli	Capture	Colloidal gold
HCV Antigen	GHCA061-2	E.coli	Detection	Colloidal gold
HDV Antigen	GHCA027	E.coli	Detection / Capture	Colloidal gold
HEV Antigen	GHCA002	E.coli	Detection / Capture	Colloidal gold
HIV O Antigen	GHCA065	E.coli	Capture	Colloidal gold
HIV-1 Antigen	GHCA051-2	E.coli	Capture	Colloidal gold
HIV-2 Antigen	GHCA055-2	E.coli	Capture	Colloidal gold
HIV-1+2 Antigen	GHCA063-3	E.coli	Detection	Colloidal gold
HIV P24 Antigen	GHCA085-1	E.coli	Calibrator	Colloidal gold
HIV P24 Antibody	GHMA091-1	mouse	Capture	Colloidal gold
HIV P24 Antibody	GHMA091-2	mouse	Detection	Colloidal gold
* Syphilis Antigen	GHCA001-1	E.coli	Detection / Capture	Colloidal gold
* Syphilis Antigen	GHCA001-5	E.coli	Detection / Capture	Colloidal gold
* Malaria pf Antibody	GHMA002-3	mouse	Detection	Colloidal gold
* Malaria pf Antibody	GHMA002-4	mouse	Capture	Colloidal gold
* Malaria pv Antibody	GHMA116-1	mouse	Detection	Colloidal gold
* Malaria pv Antibody	GHMA116-2	mouse	Capture	Colloidal gold

Product	Catalog	Source	Recommended Use	Platform
Infectious Diseases				
* Typhoid Antigen	GHCA009-1	E.coli	Detection	Colloidal gold
* Typhoid Antigen	GHCA009-2	E.coli	Detection	Colloidal gold
Flu A Antigen	GHCA095	E.coli	Calibrator	Colloidal gold
* Flu A Antibody	GHMA092-4	mouse	Capture	Colloidal gold
* Flu A Antibody	GHMA092-5	mouse	Detection	Colloidal gold
Flu B Antigen	GHCA106-2	E.coli	Calibrator	Colloidal gold
* Flu B Antibody	GHMA038-1	mouse	Detection	Colloidal gold
* Flu B Antibody	GHMA038-2	mouse	Capture	Colloidal gold
Zika Antigen	GHCA082-1	E.coli	Detection / Capture	Colloidal gold
Zika Antigen	GHCA082-2	E.coli	Detection / Capture	Colloidal gold
* Human Parvovirus Antigen	GHCA062	E.coli	Detection / Capture	Colloidal gold
Coxsackievirus Antigen	GHCA104-1	E.coli	Detection / Capture	Colloidal gold
Dengue Antigen	GHCA088-2	E.coli	Detection	Colloidal gold
Dengue NS1 Antibody	GHMA132-1	Mouse	Capture	Colloidal gold
Dengue NS1 Antibody	GHMA132-2	Mouse	Detection	Colloidal gold
Chikungunya Antigen	GHCA059-2	E.coli	Detection / Capture	Colloidal gold
Chikungunya Antigen	GHCA059-1	E.coli	Detection / Capture	Colloidal gold
Rotavirus Antigen	GHCA006	E.coli	Calibrator	Colloidal gold
Rotavirus Antibody	GHMA003-1	mouse	Detection	Colloidal gold
Rotavirus Antibody	GHMA004-1	mouse	Capture	Colloidal gold
TOXO Antigen	GHCA003	E.coli	Detection	Colloidal gold
Rubella Antigen	GHCA005	E.coli	Detection	Colloidal gold
* HSV-II Antigen	GHCA004	E.coli	Detection	Colloidal gold
* CMV Antigen	GHCA026	E.coli	Detection	Colloidal gold
Hormone Markers				
αHCG Antibody	GHMA034	mouse	Capture	Colloidal gold
βHCG Antibody	GHMA024	mouse	Detection	Colloidal gold
βLH Antibody	GHMA035	mouse	Capture	Colloidal gold
βLH Antibody	GHMA036	mouse	Detection	Colloidal gold
* T3 Antigen	GHCA015	E.coli	Capture	CLIA,ELISA
* T4 Antigen	GHCA016	E.coli	Capture	CLIA,ELISA

Product	Catalog	Source	Recommended Use	Platform
Cardiac Markers				
* Myo Antigen	GHCA068-1	E.coli	Calibrator	TRIFA
* Myo Antibody	GHMA029-1	mouse	Capture	TRIFA
* Myo Antibody	GHMA029-2	mouse	Detection	TRIFA
* Myo Antibody	GHMA029-3	mouse	Detection	TRIFA
NT-pro BNP Antigen	GHCA073-1	E.coli	Calibrator	TRIFA
NT-pro BNP Antibody	GHMA050-1	mouse	Capture	TRIFA
NT-pro BNP Antibody	GHMA050-2	mouse	Detection	TRIFA
D Dimer Antibody	GHMA096-1	mouse	Detection / Capture	TRIFA
D Dimer Antibody	GHMA096-2	mouse	Detection / Capture	TRIFA
h-FABP Antigen	GHCA081-1	E.coli	Calibrator	TRIFA
h-FABP Antibody	GHMA090-1	mouse	Capture	TRIFA
h-FABP Antibody	GHMA090-2	mouse	Detection	TRIFA
MPO Antibody	GHMA059-1	mouse	Detection	TRIFA
MPO Antibody	GHMA059-2	mouse	Capture	TRIFA
Inflammation Markers				
CRP Antigen	GHCA070-1	human	Calibrator	Colloidal gold,TRIFA
CRP Antibody	GHMA057-1	mouse	Detection	Colloidal gold,TRIFA
CRP Antibody	GHMA057-2	mouse	Capture	Colloidal gold,TRIFA
* PCT Antigen	GHCA071-1	E.coli	Calibrator	Colloidal gold,TRIFA
* PCT Antibody	GHMA052-4	mouse	Capture	Colloidal gold,TRIFA
* PCT Antibody	GHMA052-1	mouse	Detection	Colloidal gold,TRIFA
SAA Antigen	GHCA069-2	E.coli	Calibrator	Colloidal gold,TRIFA
SAA Antibody	GHMA065-4	mouse	Detection / Capture	Colloidal gold,TRIFA
SAA Antibody	GHMA065-5	mouse	Detection / Capture	Colloidal gold,TRIFA
IL-6 Antigen	GHCA053	E.coli	Calibrator	TRIFA
IL-6 Antibody	GHMA067-1	mouse	Detection	TRIFA
IL-6 Antibody	GHMA067-2	mouse	Capture	TRIFA
Gastrointestinal Disease				
* H. Pylori Antigen	GHCA007	E.coli	Detection	Colloidal gold
* H. Pylori Antigen	GHCA045	E.coli	Capture	Colloidal gold
H. Pylori Antibody	GHMA047-1	mouse	Capture	Colloidal gold

Product	Catalog	Source	Recommended Use	Platform
Gastrointestinal Disease				
H. Pylori Antibody	GHMA047-2	mouse	Detection	Colloidal gold
H. pylori urease A Antigen	GHCA035-1	E.coli	Detection / Capture	Colloidal gold
H. pylori urease B Antigen	GHCA098-1	E.coli	Detection / Capture	Colloidal gold
H. pylori cytotoxin Antigen	GHCA099-1	E.coli	Detection / Capture	Colloidal gold
H. pylori cytotoxin Antigen	GHCA100-1	E.coli	Detection / Capture	Colloidal gold
Gastrin-17 Antigen	GHCA087	Synthesis	Calibrator	TRIFA,CLIA
Gastrin-17 Antibody	GHMA099-1	mouse	Detection	TRIFA,CLIA
Gastrin-17 Antibody	GHMA099-3	mouse	Capture	TRIFA,CLIA
HbA1c Antibody	GHMA028-1	mouse	Detection / Capture	TRIFA,CLIA
* FOB Antibody	GHMA023-2	mouse	Detection	Colloidal gold
* FOB Antibody	GHMA023-3	mouse	Capture	Colloidal gold
TRF Antibody	GHMA071-1	mouse	Capture	Colloidal gold
TRF Antibody	GHMA071-2	mouse	Detection	Colloidal gold
Kidney markers				
HSA(MAU) Native Antigen	GHCA093	human	Calibrator	TRIFA,CLIA
HSA(MAU) Antibody	GHMA049-1	mouse	Capture	TRIFA,CLIA
HSA(MAU) Antibody	GHMA049-2	mouse	Detection	TRIFA,CLIA
NGAL Antigen	GHCA091	E.coli	Calibrator	TRIFA,CLIA
NGAL Antibody	GHMA054	mouse	Capture	TRIFA,CLIA
NGAL Antibody	GHMA048	mouse	Detection	TRIFA,CLIA
* Cystatin C Antigen	GHCA090	E.coli	Calibrator	TRIFA,CLIA
* Cystatin C Antibody	GHMA055	mouse	Capture	TRIFA,CLIA
* Cystatin C Antibody	GHMA056	mouse	Detection	TRIFA,CLIA
Vaccine Monitoring				
Mycoplasma pneumoniae Antigen	GHCA042	E.coli	Capture	ELISA
Measles Antigen	GHCA036	E.coli	Capture	ELISA
Japanese Encephalitis Antigen	GHCA032	E.coli	Capture	ELISA
Mumps Antigen	GHCA040	E.coli	Capture	ELISA
Polio Antigen	GHCA041	E.coli	Capture	ELISA
Pertussis Antigen	GHCA008	E.coli	Capture	ELISA
Food Safety				
βLactam Receptor Antigen	GHCA097-1	E.coli	Capture	Colloidal gold

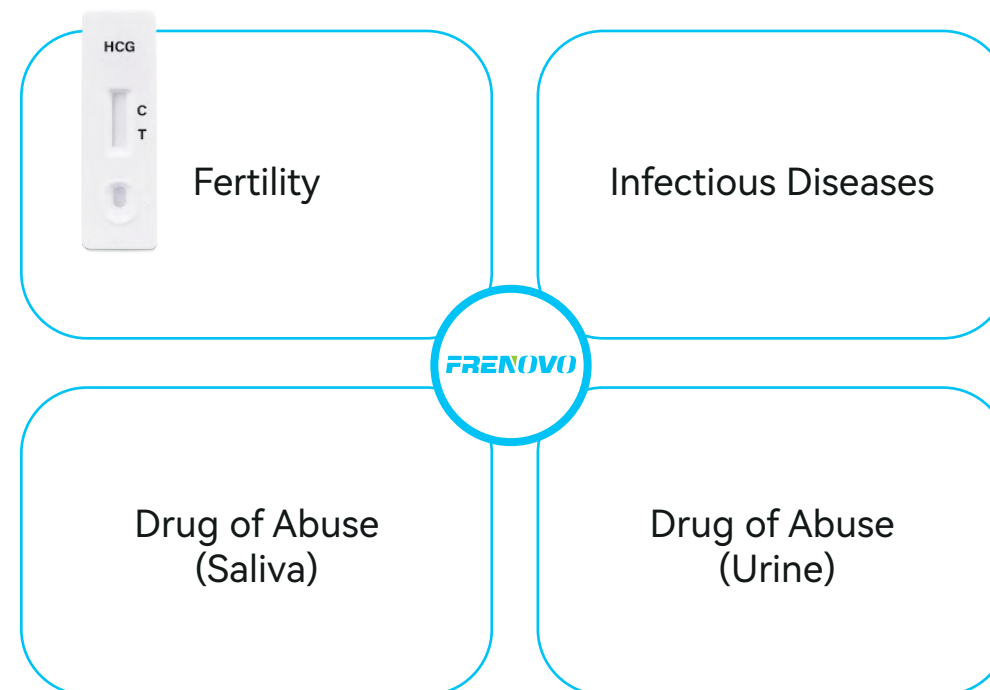
Product	Catalog	Source	Recommended Use	Platform
Food Safety				
CP4-EPSPS Antigen	GHCA047-1	E.coli	Positive Control	Colloidal gold
CP4-EPSPS Antibody	GHMA093-4	mouse	Detection / Capture	Colloidal gold
CP4-EPSPS Antibody	GHMA093-3	mouse	Detection / Capture	Colloidal gold
Bacillus thuringiensis(Bt) Antibody	GHMA094-2	mouse	Capture	Colloidal gold
Bacillus thuringiensis(Bt) Antibody	GHMA094-1	mouse	Detection	Colloidal gold
Poultry Disease				
ADV Antigen(gB)	GHCA064-1	E.coli	Detection / Capture	Colloidal gold
ADV Antigen(gB)	GHCA064-2	E.coli	Detection / Capture	Colloidal gold
ADV Antigen(gB)	GHCA064-3	E.coli	Detection / Capture	Colloidal gold
ADV Antigen(gE)	GHCA067-2	E.coli	Capture	Colloidal gold
ADV Antigen(gE)	GHCA067-1	E.coli	Detection	Colloidal gold
ASFV Antigen	GHCA034-1	E.coli	Detection / Capture	Colloidal gold
ASFV Antibody	GHMA027-3	mouse	Capture	Colloidal gold
ASFV Antibody	GHMA027-5	mouse	Detection	Colloidal gold
CSFV Antigen	GHCA039	E.coli	Detection / Capture	Colloidal gold
PRRS Antigen	GHCA022	E.coli	Detection / Capture	Colloidal gold
PCV2 Antigen	GHCA023	E.coli	Detection / Capture	Colloidal gold
SVV Antigen	GHCA087-1	E.coli	Detection / Capture	Colloidal gold
* FMD Antigen(O type)	GHCA048-1	E.coli	Detection / Capture	Colloidal gold
* FMD Antigen(A type)	GHCA048-2	E.coli	Detection / Capture	Colloidal gold
* FMD Antigen(type I)	GHCA048-3	E.coli	Detection / Capture	Colloidal gold
BVDV Antigen	GHCA075-1	E.coli	Detection / Capture	Colloidal gold
IBR Antigen	GHCA076-1	E.coli	Detection / Capture	Colloidal gold
Bovine Tuberculosis Antigen	GHCA066-1	E.coli	Detection / Capture	Colloidal gold
Bovine Tuberculosis Antigen	GHCA066-2	E.coli	Detection / Capture	Colloidal gold
* Brucella Native Antigen	GHCA078-3	Native	Capture	Colloidal gold
* Brucella Antigen	GHCA080-1	E.coli	Detection	Colloidal gold
PPR Antigen	GHCA043	E.coli	Detection / Capture	Colloidal gold
Hydatid Antigen	GHCA074-1	E.coli	Detection / Capture	Colloidal gold
Hydatid Antigen	GHCA074-2	E.coli	Detection / Capture	Colloidal gold
NDV Antigen	GHCA077-1	E.coli	Detection / Capture	Colloidal gold
* AIV Antibody(Flu A)	GHMA092-3	mouse	Capture	Colloidal gold

Product	Catalog	Source	Recommended Use	Platform
Poultry Disease				
* AIV Antibody(Flu A)	GHMA092-2	mouse	Detection	Colloidal gold
Feline&Canine				
Feline Herpes Antigen(Type I)	GHCA084-2	E.coli	Detection / Capture	Colloidal gold
* Feline calicivirus Antigen	GHCA057-1	E.coli	Detection / Capture	Colloidal gold
Feline parvovirus Antigen	GHCA061-1	E.coli	Detection / Capture	Colloidal gold
Feline parvovirus Antibody	GHMA113-1	mouse	Capture	Colloidal gold
Feline parvovirus Antibody	GHMA113-2	mouse	Detection	Colloidal gold
Feline leukemia virus Antigen	GHCA086-1	E.coli	Detection / Capture	Colloidal gold
Feline AIDS Antigen	GHCA049-2	E.coli	Detection / Capture	Colloidal gold
Feline SAA Antigen	GHCA094-2	E.coli	Positive Control	Colloidal gold
Feline SAA Antibody	GHMA066-5	mouse	Capture	Colloidal gold
Feline SAA Antibody	GHMA066-6	mouse	Detection	Colloidal gold
Feline NT-pro BNP Antigen	GHCA107-1	E.coli	Positive Control	Colloidal gold
Feline NT-pro BNP Antibody	GHMA107-1	mouse	Capture	Colloidal gold
Feline NT-pro BNP Antibody	GHMA107-2	mouse	Detection	Colloidal gold
* Canine RLN Antigen	GHCA092	E.coli	Positive Control	Colloidal gold
* Canine RLN Antibody	GHMA095-6	mouse	Capture	Colloidal gold
* Canine RLN Antibody	GHMA095-3	mouse	Detection	Colloidal gold
* Canine CRP Antigen	GHCA056	Canine	Positive Control	Colloidal gold
* Canine CRP Antibody	GHMA063-3	mouse	Capture	Colloidal gold
* Canine CRP Antibody	GHMA063-2	mouse	Detection	Colloidal gold
Canine NT-proBNP Antigen	GHCA102-1	E.coli	Positive Control	Colloidal gold
Canine NT-proBNP Antibody	GHMA102-1	mouse	Capture	Colloidal gold
Canine NT-proBNP Antibody	GHMA102-2	mouse	Detection	Colloidal gold
* Canine CDV Antigen	GHCA096	E.coli	Positive Control	Colloidal gold
Canine CDV Antibody	GHMA110-1	mouse	Capture	Colloidal gold
Canine CDV Antibody	GHMA110-2	mouse	Detection	Colloidal gold
* Canine CPV Antigen	GHCA079-1	E.coli	Positive Control	Colloidal gold
Canine CPV Antibody	GHMA114-1	mouse	Capture	Colloidal gold
Canine CPV Antibody	GHMA114-2	mouse	Detection	Colloidal gold
Canine CCV Antigen	GHCA058-1	E.coli	Positive Control	Colloidal gold
Canine CCV Antibody	GHMA112-1	mouse	Capture	Colloidal gold

Product	Catalog	Source	Recommended Use	Platform
Feline&Canine				
Canine CCV Antibody	GHMA112-2	mouse	Detection	Colloidal gold
Canine CSA Antigen	GHCA054	Canine	Positive Control	Colloidal gold
Canine CSA Antibody	GHMA068-1	mouse	Detection / Capture	Colloidal gold
Canine CSA Antibody	GHMA068-2	mouse	Detection / Capture	Colloidal gold
CAVII Antigen	GHCA054-1	E.coli	Detection / Capture	Colloidal gold
Canine TOXO Antigen	CHCA083-1	E.coli	Detection / Capture	Colloidal gold
Canine Leptospira Antigen	GHCA053-1	E.coli	Detection / Capture	Colloidal gold
Canine Leptospira Antigen	GHCA053-2	E.coli	Detection / Capture	Colloidal gold
RV Glycoprotein Antigen	GHCA025-5	E.coli	Positive Control	Colloidal gold
RV Glycoprotein Antibody	GHMA072-1	mouse	Detection / Capture	Colloidal gold
RV Glycoprotein Antibody	GHMA072-2	mouse	Detection / Capture	Colloidal gold
RV NP Antibody	GHMA010	mouse	Capture	Colloidal gold
RV NP Antibody	GHMA011	mouse	Detection	Colloidal gold
PCR				
Taq Enzyme	GHCA010	/	/	PCR
Taq Enzyme Antibody	GHMA005-1	mouse	Taq Enzyme Modification	PCR
Others				
Mouse IgG	GHMA064-1	mouse	Detection	Colloidal gold
* Goat Anti mouse IgG	GHPA002	Goat	Capture	Colloidal gold
* Rabbit IgG	GHPA010-1	Rabbit	Detection	Colloidal gold
* Goat Anti Rabbit IgG	GHPA009-1	Goat	Capture	Colloidal gold
Alpaca Anti human IgG	GHMA103-1	Alpaca	Capture	Colloidal gold
* Chicken IgY	GHPA016	Chicken	Detection	Colloidal gold
* Goat Anti Chicken IgY	GHPA017	Goat	Capture	Colloidal gold
Mouse Anti human IgG	GHMA019	mouse	Capture	TRIFA,CLIA,Colloidal gold
* Mouse Anti human IgM	GHMA018-2	mouse	Capture	TRIFA,CLIA,Colloidal gold
Goat Anti human IgG	GHPA008-1	Goat	Capture	TRIFA,CLIA,Colloidal gold
* Rabbit Anti Canine IgG	GHPA004	Rabbit	/	Colloidal gold
* Rabbit Anti Pig IgG	GHPA014	Rabbit	/	Colloidal gold
Protein A	GHCA080-1	E.coli	Detection	Colloidal gold
Protein A&G	GHCA080-3	E.coli	Detection	Colloidal gold
Anti Human RBC Antibody	GHMA040	mouse	Sample Pad	TRIFA,Colloidal gold

Product	Catalog	Source	Recommended Use	Platform
Poultry Disease				
BLOCKER	GHMA045	mouse	Sample Pad	TRIFA,Colloidal gold
BSA	GHB037	Bovine	/	TRIFA,CLIA,Colloidal gold
BSA	GHB035	Bovine	/	TRIFA,CLIA,Colloidal gold

OEM SERVICES



Veterinary Diagnosis



Technology Training & Transfer

Lateral Flow Immunoassay Technology Training

The training service is for researchers and start up producers who want to develop and produce. You can choose different training sessions according to your needs, or let us know your demand and target, we will estimate the possibility to realize it and give you a training scheme.

The training covers the basic lateral flow test knowledge and formulations as well as the detail experiment steps to make the test kit as you specified. All the materials and reagent are all from us.

Training Content :

- Lateral flow test kit knowledge
- Lateral flow test materials screening and treatment
- Colloidal gold solution of different particle size
- Experiment steps on making a specific test kit using our materials and reagents.

Technology Training & Transfer

Technology Transfer

Our technology transfer contains trainings, knowledge and documents for practical small to large scale production systematic management.

Content including but not limited by the following:

1. Factory layout and equipment configuration
2. Materials information and source
3. Incoming materials QC
4. Production SOP, QC and process control
5. Validation Method
6. QA process
7. Certification procedure

Certificate

Factory Tour



ISO 13485



ISO 9001



CE

