

Livestock and Poultry Diagnostic Kits

Rapid / Accurate / Reliable

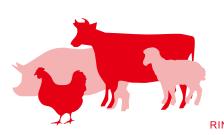
ELISA Kit, PCR and Rapid Test for

Swine / Cattle / Goat / Sheep / Poultry

RING BIOTECHNOLOGY COLTD



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ONE WORLD, ONE HEALTH

Ring Biotechnology Co Ltd, also known as Ringbio is a global pioneer company in the field of food safety, animal disease and clinical diagnostics.

In animal disease diagnostic fields, Ringbio has the strong and sophisticated capacity to provide customers with systematic solutions, which including ELISA Kits, RT-PCR Kits, Rapid Test Kits, as well as laboratory instrument and consumables. Our products and services are well validated and have been tested by the market for years, which are stable and cost-effective. With our tests and solutions, the routine work of vet and lab staff can be greatly simplified in terms of operation and result analysis.

Ringbio is certified to ISO9001, ISO13485 and GMP, and is a national licensed manufacturer of veterinary diagnostic kits.



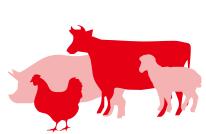


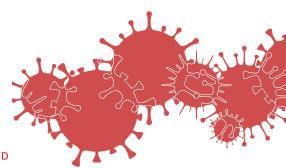
Disease management is important for swine industry. Prevention always comes first before treatment. In veterinary practice, vaccine administration, serum antibody titer testing and analysis, as well as good biosecurity measurements are all of great significance. To ensure the herd is safe and secure, these must be well managed.

General policies for major swine diseases

Item#	Disease	Measurements
1	African swine fever	Routine testing and eradication
2	Porcine Reproductive and Respiratory Syndrome	Vaccination and eradication
3	Classic swine fever	Vaccination and eradication
4	Foot-and-mouth disease	Vaccination and eradication
5	Porcine Pseudorabies	Vaccination and eradication
6	Porcine circovirus	Vaccination and eradication

In any of the measurements, testing for virus or virus specific antibody is always the first thing that should be done.







Swine ELISA Kit

ELISA kits for vaccination antibody and antigen testing

Item#	Product	Application
E30011	CSFV Antibody ELISA Kit	for vaccination antibody titer testing
E31011	CSFV Antigen ELISA Kit	for classic swine fever antigen testing
E30021	PRRSV Antibody ELISA Kit	for vaccination antibody titer testing
E30031	FMDV serotype A ab ELISA Kit	for vaccination antibody titer testing
E30032	FMDV serotype O ab ELISA Kit	for vaccination antibody titer testing
E30033	FMDV serotype Asia I ab ELISA Kit	for vaccination antibody titer testing
E31031	FMDV serotype A Ag ELISA Kit	for viral antigen testing
E31032	FMDV serotype O Ag ELISA Kit	for viral antigen testing
E31033	FMDV serotype Asia I Ag ELISA Kit	for viral antigen testing
E31030	FMDV Antigen ELISA Kit	for viral antigen testing
E39011	African Swine Fever Ab ELISA Kit	for antibody testing
E39021	African Swine Fever Ag ELISA Kit	for viral antigen testing
E30091	PEDV IgA Antibody ELISA Kit	for antibody testing
E30092	PEDV IgG Antibody ELISA Kit	for antibody testing
E30041	Pseudorabies Virus gE Ab ELISA Kit	for testing of viral infection of PRV
E30042	Pseudorabies Virus gB Ab ELISA Kit	for testing of antibody titer of PRV
E30051	PCV-2 antibody ELISA Kit	for vaccination antibody titer testing



Real-time qPCR test kit

for virus antigen testing

Item#	Product	Application
FP003	Brucella Real-time PCR kit	for brucella antigen testing
ZP1340	ASFV Real-time PCR Kit	for viral antigen testing
ZP0025	PRRSV Real-time PCR Kit	for viral antigen testing
ZP016	HP PRRSV Real-time PCR Kit	for viral antigen testing
ZP017	Pseudorabies Virus gE Real-time PCR kit	for viral antigen testing
ZP018	Classical Swine Fever Virus Real-time PCR kit	for viral antigen testing
ZP023	PCV-2 & PCV-3 Duplex Real-time PCR kit	for viral antigen testing
ZP024	Porcine Delta coronavirus Real-time PCR kit	for viral antigen testing
ZP025	Swine influenza Virus Real-time PCR kit	for viral antigen testing
ZP026	Porcine Parvovirus Real-time PCR kit	for viral antigen testing
ZP027	PTGV Real-time PCR kit	for testing of viral infection
ZP028	Porcine Epidemic Diarrhea Virus Real-time PCR kit	for viral antigen testing
ZP029	Porcine Rotavirus Real-time PCR kit	for viral antigen testing
ZP031	Japanese Encephalitis virus Real-time PCR kit	for viral antigen testing
ZP032	Mycoplasma Hyopneumoniae Real-time PCR kit	for viral antigen testing
ZP033	Swine Eperythrozoonosis Real-time PCR kit	for viral antigen testing
ZP034	Lawsonia intracellularis Real-time PCR kit	for viral antigen testing
ZP035	Foot-and-mouth disease virus Real-time PCR kit	for viral antigen testing
ZP045	Seneca Virus Real-time PCR kit	for viral antigen testing



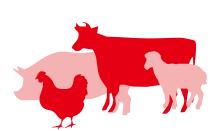
Swine Rapid Test Kit

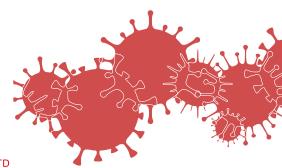
for antigen or antibody testing

Item#	Product	Application
200004	Pig Pregnancy Rapid Test Kit	for pregnancy testing of sows
C30011	African Swine Fever Ab Rapid Test Kit	for antibody testing in serum or blood
C30021	African Swine Fever Ag Rapid Test Kit	for antigen testing in serum or blood
T30031	FMDV serotype A Ab Rapid Test Kit	for antibody testing in serum
T30032	FMDV serotype O Ab Rapid Test Kit	for antibody testing in serum
T30033	FMDV serotype Asia I Ab Rapid Test Kit	for antibody testing in serum
T31031	Swine Influenza Virus Rapid Test Kit	for viral antigen testing

All kits are validated and used in local farms and laboratories.

We can also develop other kits upon request.







Pig Pregnancy Rapid Test Kit

Ringbio ® Pig Pregnancy Rapid Test Kit is based on lateral flow immunoassay to detect pig pregnancy related hormone in urine from 22-32 days after breeding or AI. The total detection time is 10-15min. It is suitable for rapid detection of pig pregnancy in pig farms and veterinary clinics.



15min Rapid Test Kit for Estrone Sulfate
Pig urine 22 - 32 days after breeding or Al
Visual result determination by eye
Total accuracy over 98%

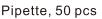
Product Number	200004
Unit Size	50 tests / kit
Principle	Lateral flow immunoassay
Applied Sample	Urine from 22 - 32 days after mating or Al
Species	Porcine, swine, pig
Storage	2-30 °C
Shelf life	12 months
Specificity	99.1% compared with ultrasonic scanners
Sensitivity	98.2% compared with ultrasonic scanners
Shipment	Room temperature

Kit Components



Test Card, 50 pcs







Instruction manual, 1 set



ASFV Antigen Rapid Test Kit

Ringbio ® ASFV Ag Rapid Test Kit is based on lateral flow immunoassay to detect ASFV Ag in blood or serum samples. The product utilizes the high specific monoclonal antibodies of ASFV P72, P30 and P54 antigen, which can identify ASFV Ag quickly with high accuracy. This kit has been validated internally and externally following ISO guidelines.



15min Rapid Test Kit for African swine fever virus antigen, visual result determination by eye Total accuracy over 90% compared with PCR.

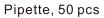
Product Number	C300021
Unit Size	50 tests / kit
Principle	Lateral flow immunoassay
Applied Sample	Blood, serum or plasma
Species	Porcine, swine, pig
Storage	2-30 °C
Shelf life	12 months
Specificity	>99% compared with ELISA
Sensitivity	>93% compared with ELISA
Shipment	Room temperature

Kit Components



Test Card, 50 pcs







Instruction manual, 1 set



ASFV Real-time qPCR Kit

Item#	Product	Application
ZP1340	ASFV Real-time qPCR Kit	Viral antigen testing
ZP038	ASFV Vp72/CD2v/MGF Triplex Real-time PCR Kit	Viral antigen testing
ZP013	ASFV Real-time PCR Kit - high sensitivity	Viral antigen testing

All kits are validated and used in local farms and laboratories.

Instrument and device for PCR testing



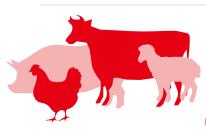








ITEM#	DESCRIPTION	DETAILS	QTY
1	Portable RT-PCR System	double channel, 15 reactions	1
2	Vortex mixer	MX-F	1
3	Mini bath	MINI H100	1
4	Mini centrifuge	5000rpm	1
5	Micropipette	100-1000ul/20-200ul/5-50ul/0.5-10ul	1
6	PCR tubes	0.2ml/AXYGEN, 1000pcs/pack	1 package
7	Tissue homogenizer	with 100pcs stick included	1 set
8	ASFV RT-PCR Kit	50T/kit	1 kit
9	Miscellaneous	centrifuge tube, pipet, glove, mask, etc	1.4





Poultry / Avian / Chicken ELISA Kits, Rapid Tests and Real-time PCR



Item#	Product	Application
E20193	AIV H5 Antibody ELISA Kit	for antibody testing
E20197	AIV H7 Antibody ELISA Kit	for antibody testing
E20198	AIV H9 Antibody ELISA Kit	for antibody testing
E21161	Avian leukosis virus ALV Ag ELISA Kit	for viral antigen testing
QP001	Newcastle disease virus Real-time PCR kit	for viral antigen testing
QP002	AIV H5 & H7 & H9 subtype Real-time PCR kit	for viral antigen testing
QP003	AIV H9 subtype Real-time PCR kit	for viral antigen testing
QP004	AIV H5 subtype Real-time PCR kit	for viral antigen testing
QP005	AIV H7N9 subtype Real-time PCR kit	for viral antigen testing
QP006	AIV H5 & N1 subtype Real-time PCR kit	for viral antigen testing
QP007	AIV H7 subtype Real-time PCR kit	for viral antigen testing
QP008	Bird flu, avian influenzal Real-time PCR kit	for viral antigen testing
QP009	AIV & Newcastle disease Real-time PCR kit	for viral antigen testing
T21195	Bird flu, Avian Influenza Rapid Test Kit	for viral antigen testing
T21161	Avian leukosis virus Rapid Test Kit	for viral antigen testing



Avian influenza Antigen Rapid Test Kit

Ringbio ® Avian influenza Antigen Rapid Test Kit is based on lateral flow immunoassay to detect nucleoprotein (NP) of AIV as target in avian samples. The total detection time is 5-15min. It is suitable for rapid detection of bird flu in various samples of wild and domestic birds.



15min Rapid Test Kit for African swine fever virus antigen, visual result determination by eye Total accuracy over 90% compared with PCR.

Product Number	T21195
Unit Size	25test, or 50 tests / kit
Principle	Lateral flow immunoassay
Applied Sample	Swabs of throat
Species	Avian, poultry, chicken, wild birds
Storage	2-30 °C
Shelf life	12 months
Specificity	>95% compared with RT-PCR, ELISA
Sensitivity	>90% compared with HI/HA
Shipment	Room temperature

Kit Components



Test Card, 25 pcs







Pipette & swab, 25 pcs

Buffer tube, 25 pcs

Instruction manual, 1 set



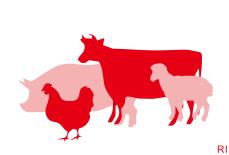
Avian Leukosis Virus ELISA Kit

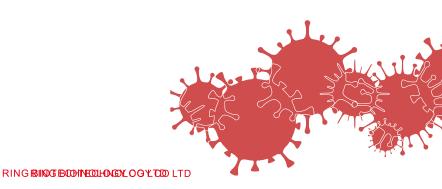
Ringbio ® ALV Antigen ELISA Kit is based on enzyme linked immunoassay to detect the ALV group specific antigen - P27 protein in various chicken samples. It is suitable for rapid detection of bovine pregnancy in chicken farms and veterinary clinics.



P27 antigen highly specific
Validated by China Animal Disease Control Center
Approved by Minstry of Agriculture, China
Over 98% agreement with IDEXX ALV ELISA

Product Number	E21161
Unit Size	96 tests, 192test, 480tests
Principle	DAS ELISA
Applied Sample	Egg albumen, meconium and cloacal swabs
Species	Avian, chicken
Storage	2-30 °C
Shelflife	12 months
Specificity	100%
Sensitivity	>95% compared with qPCR
Shipment	Room temperature







Ruminants Test Kit

for ruminant antibody and antigen testing

Item#	Product	Application
E30031	FMDV serotype A ab ELISA Kit	for antibody titer testing
E30032	FMDV serotype O ab ELISA Kit	for antibody titer testing
E30033	FMDV serotype Asia I ab ELISA Kit	for antibody titer testing
E31030	FMDV Antigen ELISA Kit	for viral antigen testing
E40121	IBRV Antibody ELISA Kit	for antibody testing
E40131	BVDV antibody ELISA Kit	for antibody testing
E40141	Bovine Brucellosis Antibody ELISA Kit	for antibody testing
E40151	Peste des Petits ruminants Antibody ELISA Kit	for antibody testing
T40132	BVDV Antibody Rapid Test Kit	for antibody testing
200014	Bovine Pregnancy Rapid Test Kit	for pregnancy testing
C40141	Brucella Antibody Rapid Test Kit	for antibody testing
FP003	Brucella Realtime qPCR Kit	for viral antigen testing
FP004	Lumpy Skin Disease LSD qPCR Kit	for viral antigen testing
FP005	IBRV Realtime qPCR Kit	for viral antigen testing
ZP043	BVDV Realtime qPCR Kit	for viral antigen testing



Bovine Pregnancy Rapid Test Kit

Ringbio ® Bovine Pregnancy Rapid Test Kit is based on lateral flow immunoassay to detect pig pregnancy related glycoprotein PAG in serum samples. The total detection time is 10-15min. It is suitable for rapid detection of bovine pregnancy in pig farms and veterinary clinics.



15min Rapid Test Kit for PAGs
Cow serum 30days after mating or Al
Visual result determination by eye
Total accuracy over 97%

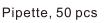
Product Number	200014
Unit Size	50 tests / kit
Principle	Lateral flow immunoassay
Applied Sample	30 days after mating or AI
Species	Bovine, cattle, cow
Storage	2-30 °C
Shelf life	12 months
Specificity	98.3% compared with ultrasonic scanners
Sensitivity	97.5% compared with ultrasonic scanners
Shipment	Room temperature

Kit Components



Test Card, 50 pcs







Instruction manual, 1 set





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