

Bovine Viral Diarrhea Antibody (BVDV-Ab) Rapid Test Kit

Anieasy Bovine Viral Diarrhea Antibody (BVDV-Ab) Rapid Test Kit is based on the colloidal gold immunochromatography technology, used for detection of bovine viral diarrhea (BVDV) antibody in bovine serum, plasma and milk samples.

The Importance of Detecting BVDV

Bovine Viral Diarrhea (BVD) is a disease of cattle caused by the Bovine Viral Diarrhea Virus (BVDV). The virus is widespread and most herds are at risk for infection. In the susceptible herd, BVD can be a serious, costly disease. This diarrhea virus can infect a wide range of animals such as cattle, sheep, pigs, deer, and any direct or indirect contact with the disease can spread it greatly. Cattle that developed acute diarrhea and fever may die or have a long and costly recovery period with reduced milk production and growth rates. During recovery, their immune systems are often suppressed, making them more vulnerable to other diseases. At this stage, there is no specific drug for the treatment of bovine viral diarrhea, and the only effective way to avoid the spread of bovine viral diarrhea is to set up systematic epidemic prevention and inspection measures.



Advantages

Rapid 01
Result in 10 mins

Simple 04
Visual interpretation of results

Various sample types 02
Serum, plasma or milk

Easy to use 05
No extra devices required

Cost effective 03
Save time and labor

Reliable 06
Good repeatability

Independent Study

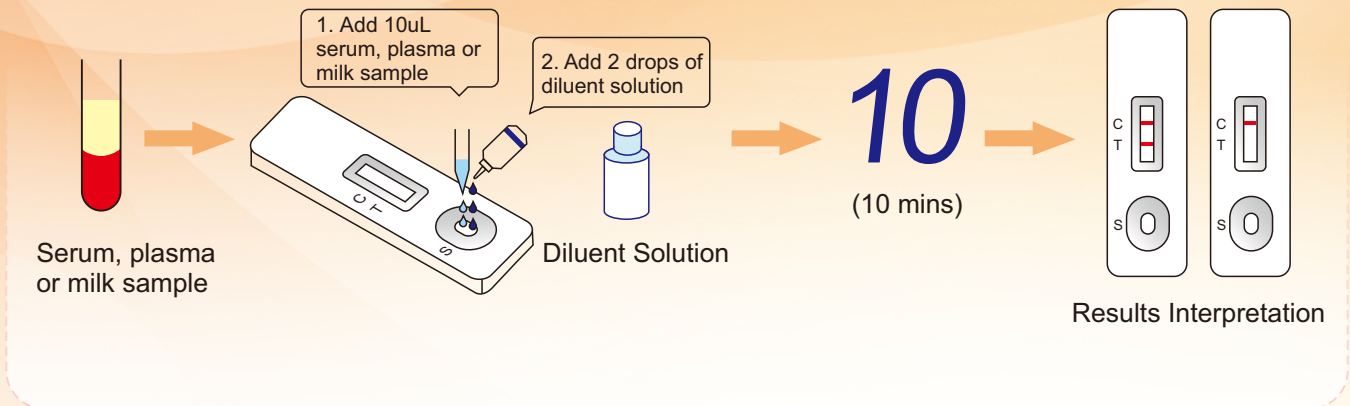
01 Sensitivity and Specificity in Serum

02 Sensitivity and Specificity in Milk

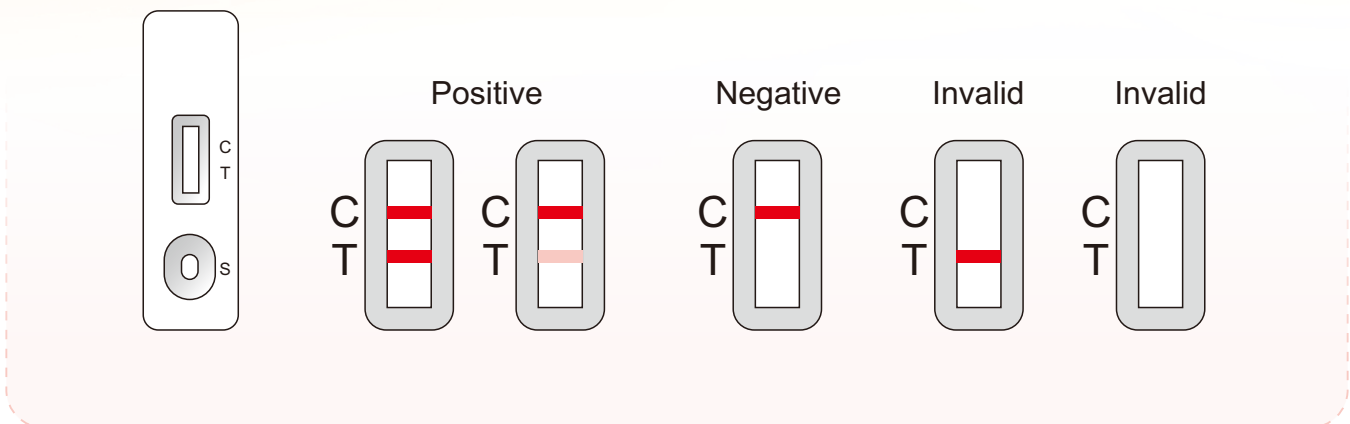
Serum		IDEXX ELISA	
		Positive Result	Negative Result
Anieasy BVDV Antibody Rapid Test Kit	Positive Result	95	12
	Negative Result	5	88
	Total	100	100
Sensitivity		95/100=95%	
Specificity		88/100=88%	

Milk		IDEXX ELISA	
		Positive Result	Negative Result
Anieasy BVDV Antibody Rapid Test Kit	Positive Result	276	12
	Negative Result	24	188
	Total	300	200
Sensitivity		276/300=92%	
Specificity		188/200=94%	

Test procedure



Results



Specification

Order code	AE1BVDV001	Storage	Store at 4-30 . Do not freeze. Keep away from direct sunlight, moisture and heat.
Shelf life	12 months		
Kit components	25 tests/kit	Shelf Life	12 months

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