



Anti-BVDV polyclonal antibody (CABT-BL8924)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Detects most field strains of BVD. No detectable staining for IBR, PI-3, BRSV or other common bovine viruses.
Immunogen	Bovine Viral Diarrhea virus BVDV
Isotype	IgG
Source/Host	Goat
Species Reactivity	Bovine Viral Diarrhea Virus
Conjugate	Unconjugated
Applications	IFA
Size	2 ml
Buffer	0.09% sodium azide
Preservative	0.09% Sodium Azide
Storage	Store at 2-7 °C. Do not freeze!

BACKGROUND

Introduction	BVDV is a member of the Pestivirus genus, belonging to the family Flaviviridae. Border Disease Virus (Sheep) and Classical Swine Fever Virus (Pigs) are other members of this genus which also cause significant financial loss to the livestock industry. Pestiviruses are small, spherical, single-stranded, enveloped RNA viruses of 40 to 60 nm in diameter. The genome consists of a single, linear, positive-sense, single-stranded RNA molecule of approximately 12.3 kb. Two BVDV genotypes are recognised, based on the nucleotide sequence of the 5'untranslated
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(UTR) region; BVDV-1 and BVDV-2. BVDV-1 isolates have been grouped into 16 subtypes (a–p) and BVDV-2 has currently been grouped into 3 subtypes (a–c).
