



Rabbit Anti-BVDV (strain SD-1) Genome polyprotein partial Polyclonal Antibody (CABT-YN1003)

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

PRODUCT INFORMATION

Specificity	BVDV (strain SD-1)
Target	BVDV Genome polyprotein
Immunogen	Recombinant Bovine viral diarrhea virus Genome polyprotein protein.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	BVDV (strain SD-1)
Purification	Protein A/G
Conjugate	unconjugated
Applications	ELISA, WB
Format	Liquid
Size	10 mg
Buffer	50% Glycerol, 0.01M PBS, pH7.4
Preservative	0.03% Proclin 300
Storage	Store at -20°C or -80°C. Avoid repeated freeze.

BACKGROUND

Introduction

Bovine viral diarrhea virus (BVDV) is an umbrella term for two species of viruses, BVDV1 and BVDV2, within the genus Pestivirus of the family Flavivirus. BVDV's genome with 3898 amino acids encodes a variety of proteins, including: N-terminal protease, N-terminal protease, Capsid protein C, E(rns) glycoprotein, Envelope glycoprotein E1, Envelope glycoprotein E2, Viroporin p7, Non-structural protein 2-3, RNA-directed RNA polymerase etc. BVDV is divided in two types: cytopathic and non-cytopathic. Both types of viruses can be found in animals suffering from mucosal disease, as a cytopathic BVDV can develop from a non-cytopathic virus within the infected animal by deletions, mutations or insertions. Both types express uncleaved NS2-3, but cytopathic strains also express NS3. Details are available in Uniprot No.Q01499.

Keywords

BVDV; BVDV (strain SD-1); BVDV Genome polyprotein; Bovine viral diarrhea virus; Bovine viral diarrhea virus Genome polyprotein; Genome polyprotein; Genome protein; BVDV Genome protein; Mucosal disease virus