



Anti-Rotavirus Polyclonal antibody (DPBT-66925SR)

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

PRODUCT INFORMATION

Product Overview	Sheep Anti RotavirusSheep Anti Rotavirus
Target	Rotavirus
Immunogen	Five serotypes of group A Rotavirus strains Wa (serotype I), DS-1 (serotype II), Ito (III), HOCHI (IV) and 69M (VIII).
Isotype	IgG
Source/Host	Sheep
Species Reactivity	Rotavirus
Conjugate	Unconjugated
Applications	ELISA, IF
Format	Purified IgG - liquid
Concentration	IgG concentration 5.0 mg/ml
Size	1 ml
Buffer	Phosphate buffered saline
Preservative	0.09% Sodium Azide
Storage	Store at +4 °C or at -20 °C if preferred.Storage in frost-free freezers is not recommended.This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

BACKGROUND

Introduction	Rotaviruses, members of the family Reoviridae, are a major cause of diarrhoea in young mammals. Rotavirus infections also result in economic losses in agriculture due to diarrhoea in calf, pig, sheep, and poultry rearing. Diarrhoea (or scours) due to the rotavirus Nebraska Calf Diarrhea Virus can affect calves up to 30 days of age or older. Diarrhoea begins 2 to 3 days after exposure. Diagnosis is by history, lesions (ulcers on the tongue, lips, and mouth) and diagnostic laboratory tests. Mortality rates may be as high as 60 percent, depending on the secondary bacteria present.
Keywords	Major inner capsid protein VP6; VP6; Rotavirus; Group III (dsRNA); Unassigned; Reoviridae; Sedoreovirinae; Rotavirus A; Rotavirus B; Rotavirus C; Rotavirus D; Rotavirus E; Rotavirus