

Product Datasheet

Cryptosporidium Antibody (BEL 0126) [CoraFluor™ 1] NB100-64526CL1

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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NB100-64526CL1

Cryptosporidium Antibody (BEL 0126) [CoraFluor™ 1]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark. Do not freeze.
Clonality	Monoclonal
Clone	BEL 0126
Preservative	No Preservative
Isotype	IgG3
Conjugate	CoraFluor 1
Purity	Protein A purified
Buffer	PBS

Product Description	
Description	CoraFluor(TM) 1 is a high performance terbium-based TR-FRET (Time-Resolved Fluorescence Resonance Energy Transfer) or TRF (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(TM) 1 absorbs UV light at approximately 340 nm, and emits at approximately 490 nm, 545 nm, 585 nm and 620 nm. It is compatible with common acceptor dyes that absorb at the emission wavelengths of CoraFluor(TM) 1. CoraFluor(TM) 1 can be used for the development of robust and scalable TR-FRET binding assays such as target engagement, ternary complex, protein-protein interaction and protein quantification assays. CoraFluor(TM) 1, amine reactive CoraFluor(TM) 1, thiol reactive For more information, please see our CoraFluor(TM) TR-FRET technology flyer.
Host	Mouse
Species	Protozoa
Reactivity Notes	Protozoan.
Specificity/Sensitivity	Recognizes a membrane antigen expressed by the oocysts of Cryptosporidium sp., an obligate intracellular parasite of the phylum Apicomplexa. The genome of Cryptosporidium sp. is one of the smallest among unicellular eukaryotic organisms. Cryptosporidium is one of several species that cause cryptosporidiosis; a disease affecting the intestines of mammals which is spread through the faecal-oral route. The main symptom is self-limiting diarrhoea in people with intact immune systems. However, in immunocompromised individuals, such as AIDS patients, infection can cause permanent & life-threatening diarrhoea. Cryptosporidiosis is one of the most common waterborne diseases worldwide.
Immunogen	Purified Cryptosporidium oocysts from bovine faeces
Notes	CoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254

Product Application Details

Applications	ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Flow Cytometry, ELISA, Immunocytochemistry/ Immunofluorescence
Application Notes	Optimal dilution of this antibody should be experimentally determined.



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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