

Monoclonal Anti-Cryptosporidium parvum Oocyst Wall, Clone 4D1.12 (produced *in vitro*)

Catalog No. NR-14800

This reagent is the tangible property of the U.S. Government.

Product Description: Mouse monoclonal antibody against purified protein from *Cryptosporidium parvum* (*C. parvum*) oocyst wall was produced *in vitro* from hybridoma clone 4D1.12.

Lot: 59508152

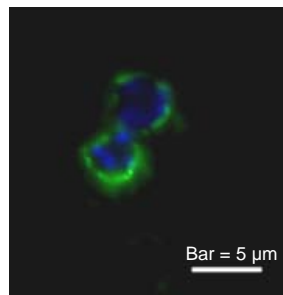
Manufacturing Date: 19OCT2010

TEST	SPECIFICATIONS	RESULTS
Antibody Isotype Determination	Report results	IgM κ
Functional Activity by Indirect Immunofluorescence Assay (IFA) ¹ NR-14800 Secondary antibody alone	Report results Report results	Prominent fluorescence observed (Figure 1A) No fluorescence observed (Figure 1B)
Sterility	0.22 μ m filter-sterilized	0.22 μ m filter-sterilized

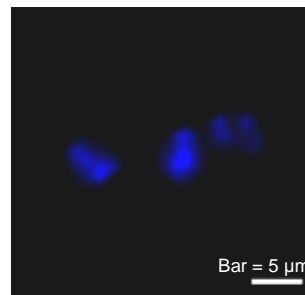
¹Unfixed oocysts of *C. parvum*, strain IOWA were stained with a 1:300 dilution of NR-14800 followed by Alexa Fluor[®] 488 goat anti-mouse IgM (Invitrogen[™] A-21042), resulting in green fluorescence localized to the oocyst wall. Sporozoite nuclei were stained (blue) with 4',6-diamidino-2-phenylindole (DAPI).

Figure 1
Indirect Immunofluorescence Analysis of *C. parvum*, Strain IOWA Oocysts

A: NR-14800



B: Secondary antibody only



Date: 07 FEB 2011

Signature:

Title:

Technical Manager, BEI Authentication or designee

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