

Monoclonal Anti-Cryptosporidium parvum Oocyst Wall, Clone 17G5.23 (produced *in vitro*)

Catalog No. NR-14813

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 17G5.23.

Lot: 59546424

Manufacturing Date: 10DEC2010

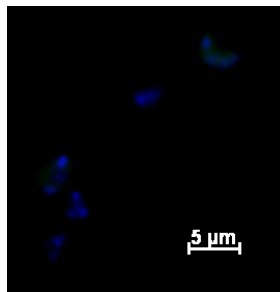
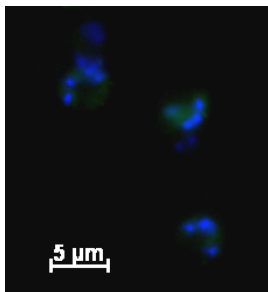
TEST	SPECIFICATIONS	RESULTS
Antibody Isotype Determination	Report results	IgM κ
Functional Activity by Indirect Immunofluorescence Assay (IFA) ¹ NR-14813 Secondary antibody alone	Report results Report results	Weak diffuse fluorescence observed (Figure 1A) No fluorescence observed (Figure 1B)
Sterility	0.22 μ m filter-sterilized	0.22 μ m filter-sterilized

¹Unfixed oocysts of *C. parvum*, strain IOWA were stained with a 1:150 dilution of NR-14813 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-14813

B: Secondary antibody only



Date: 03 JUN 2011

Signature:

Title:

Technical Manager, BEI Authentication or designee

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