

**Monoclonal Anti-Cryptosporidium parvum Oocyst Wall, Clone 16E7 (produced *in vitro*)**

**Catalog No. NR-14810**

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 16E7.

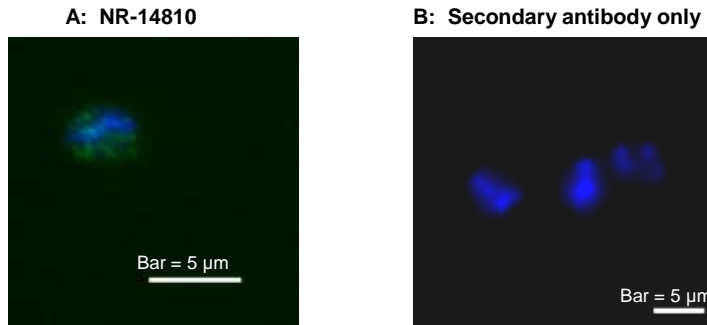
**Lot: 59469451**

**Manufacturing Date: 24NOV2010**

TEST	SPECIFICATIONS	RESULTS
Antibody Isotype Determination	Report results	IgM $\lambda$
Functional Activity by Indirect Immunofluorescence Assay (IFA) <sup>1</sup> NR-14810 Secondary antibody alone	Report results Report results	Moderate punctate fluorescence observed (Figure 1A) No fluorescence observed (Figure 1B)
Sterility	0.22 $\mu$ m filter-sterilized	0.22 $\mu$ m filter-sterilized

<sup>1</sup>Unfixed oocysts of *C. parvum*, strain IOWA were stained with a 1:150 dilution of NR-14810 followed by Alexa Fluor<sup>®</sup> 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



**Date:** 08 FEB 2011

**Signature:**

**Title:** Technical Manager, BEI Authentication or designee

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