

**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.

**For research use only. Not for human use.**

**Contributor:**

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**Manufacturer:**

NIH Biodefense and Emerging Infections Research Resources Repository, NIAID, NIH

**Product Description:**

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

**Material Provided:**

Each vial contains approximately 1 mL of NR-14800 in culture medium.

**Packaging/Storage:**

NR-14800 was packaged aseptically in screw-capped plastic cryovials. The product is provided frozen and should be stored at -20°C or colder immediately upon arrival.

**Functional Activity:**

NR-14800 stains *C. parvum* oocysts in indirect immunofluorescence assays. The antibody has been reported to react with *C. parvum* oocyst wall in ELISA, immunohistochemistry and Western blot assays.<sup>1</sup>

**Citation:**

Acknowledgment for publications should read “The following reagent was provided by the NIH Biodefense Proteomics Research Centers, NIAID, for distribution by the NIH Biodefense and Emerging Infections Research Resources Repository, NIAID, NIH: Monoclonal Anti-*Cryptosporidium parvum* Oocyst Wall, Clone 4D1.12 (produced *in vitro*), NR-14800.”

**Biosafety Level: 1**

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. Biosafety in Microbiological and Biomedical Laboratories. 5th ed.

Washington, DC: U.S. Government Printing Office, 2007; see [www.cdc.gov/od/ohs/biosfty/bmb15/bmb15toc.htm](http://www.cdc.gov/od/ohs/biosfty/bmb15/bmb15toc.htm).

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**References:**

1. L. M. Weiss, personal communication.

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