



NIH AIDS Reagent Program

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DATA SHEET

Reagent: *Pneumocystis carinii* pcfas Plasmid Clone

Catalog Number: 1900

Lot Number: 1 Mar 1 1993

Release Category: A

Provided: 1 bacterial stab containing ampicillin-resistant bacteria.

Cloning Site: *Bam*HI/*Xho*I digestion will remove the complete cDNA insert as one fragment.

Description: A *P. carinii* cDNA fas gene clone (provided by Dr. F. Volpe) was completed using PCR, and cloned into the *Xho*I-HindIII site of pBluescript SK(-) (Stratagene).

Contains the entire 2.3 kb *P. carinii* fas gene cloned into the *Xho*I-HindIII site of pBluescript SK-.

Special Characteristics: The cDNA clone was completed using PCR, and an *Nde*I site was introduced at the 5' ATG L codon. The total clone size is 5.2 kb. The insert contains an internal *Eco*RI site. Digestion with *Eco*RI-HindIII results in two fragments. GenBank accession No.: M86602.

Bacterial Host: *E. coli* XL-1 Blue mrf ϕ (Stratagene).

Recommended Storage: 4-8°C.

Contributor: Division of AIDS, NIAID; produced by BioTechnology General.

References: Volpe F, Dyer M, Scaife JG, Darby G, Stammers DK, and Delves CJ. The multifunctional folic acid synthesis fas gene of *Pneumocystis carinii* appears to encode dihydropteroate synthase and hydroxymethylhydropterin pyrophosphokinase. *Gene* **112**:213-218, 1992.

ALL RECIPIENTS OF THIS MATERIAL MUST COMPLY WITH ALL APPLICABLE BIOLOGICAL, CHEMICAL, AND/OR RADIOCHEMICAL SAFETY STANDARDS INCLUDING SPECIAL PRACTICES, EQUIPMENT, FACILITIES, AND REGULATIONS. NOT FOR USE IN HUMANS.

NOTE:

Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: Pneumocystis carinii pcfas Plasmid Clone from the Division of AIDS, NIAID."

Last Updated:

June 21, 2013

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