



## NIH AIDS Reagent Program

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### DATA SHEET

**Reagent:** *Pneumocystis carinii pcfas* Plasmid DNA

**Catalog Number:** 1898

**Lot Number:** 1 Mar 1 1993

**Release Category:** A

**Provided:** 1 µg plasmid DNA.

**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-*Hind*III site of pBluescript SK(-) (Stratagene).  
  
Contains the entire 2.3 kb *P. carinii* fas gene cloned into the *Xho*I-*Hind*III site of pBluescript SK-. The insert contains an *Eco*RI site, and digestion with *Eco*RI-*Hind*III results in two fragments.

**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. Genbank accession No.: M86602.  
  
Bacterial Host: *E. coli* XL-1 Blue mrf<sup>c</sup> (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.

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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 DNA from the Division of AIDS, NIAID."

**Last Updated:**

June 21, 2013

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