



NIH AIDS Reagent Program

20301 Century Boulevard
Building 6, Suite 200
Germantown, MD 20874
USA

Phone: 240 686 4740
Fax: 301 515 4015
aidsreagent.org

DATA SHEET

Reagent: *Pneumocystis carinii* pCB-PC-dhfr Plasmid Clone

Catalog Number: 1901

Lot Number: 1 1061

Release Category: A

Provided: 1 bacterial stab containing ampicillin- and neomycin-resistant bacteria.

Description: The HindIII-BamHI fragment from pPC-dhfr-EX9/21-6 (Catalog #1903) was cloned into pCB6.

Contains a 0.65 kb insert encoding the *P. carinii* dhfr gene cloned into the plasmid pCB6. The final construct is 6.8 kb.

Special Characteristics: This vector can be used for expression of *P. carinii* DHFR under the control of the CMV promoter. Protein can be expressed using HCO/dhFr- cells (ATCC CRL 9096). The current vector, MC1061F- is rec-; for long term storage, this plasmid should be transfected into a recA- bacterial host.

Genbank accession no.: M26495, M26496.

Bacterial Host: *E. coli* MC1061F-.

Recommended Storage: 4-8°C.

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

References: Edman JC, Edman U, Cao M, Lundgren B, Kovacs JA, and Santi DV. Isolation and expression of the *Pneumocystis carinii* dihydrofolate reductase gene. *Proc Natl Acad Sci USA* **86**:8625-8629, 1989.

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* pCB-PC-dhfr Plasmid Clone from the Division of AIDS, NIAID."

Last Updated:

June 21, 2013

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.