Reagent: HIV-1 Neutralizing Serum (2)

Catalog Number: 1983

Lot Number: 4/2/91

Provided: Each serum provided as 1 ampule sterile, heat-inactivated (56°C, 30 minutes), lyophilized antiserum. Reconstitute with 250 µl distilled water.

Host or Host Site: Human.

Titer:
- Serum 1 neutralizes several HIV-1 strains, including IIIB/LAV (1:49), RF (1:63), MN (1:804), and SF2 (1:329).
- Serum 2 neutralizes several HIV-1 strains, including IIIB/LAV (1:137), RF (1:84), MN (1:1317), and SF2 (1:410). These values are mean titers determined by an international collaborative study between six laboratories.

Special Characteristics:
- Serum 1 was pooled from three separate bleeds from the same HIV-1-positive patient. The antisera were diluted with PBS and distilled water prior to lyophilization. Reconstitution with 250 µl distilled water gives the titers referenced above, although the antisera are actually at a 1:2 final dilution of the original samples.

Recommended Storage: After reconstitution keep at 4°C for short term storage and -80°C for long term storage. Avoid freeze-thaw cycles as reagent degradation may result.

Contributor: Dr. Luba Vujcic, FDA, Center for Biologics Evaluation and Research.

References:

NOTE:
Catalog #1984 = (Serum 1)
Catalog #1983 = (Serum 2). Please order by individual Catalog log number(s).

Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HIV-1 Neutralizing Serum (specify 1 or 2) from Dr. Luba Vujcic, FDA, Center for Biologics Evaluation and Research." Also include the reference cited above in any publications.

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.
Recipient must not use or incorporate the reagent for commercial purposes.

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