DATA SHEET

Reagent: SIV BK28 Infected HUT 78 Cells

Catalog Number: 173

Lot Number: 99067

Release Category: D

Provided: 9 x 10^6 cells/ml. Viability is 95%.

Propagation Medium: RPMI 1640, 90%; fetal bovine serum, 10%.

Freeze Medium: MEM with 50% fetal bovine serum, 90%; DMSO, 10%.

Growth Characteristics: The cells grow in single cell suspension. Doubling time is 3 days; passage the cells every 3-4 days. Seeding 5 x 10^6 cells in a 75cm² flask yields approximately 18-20 x 10^6 cells in a week. Addition of fresh, uninfected cells is not necessary to maintain the culture. When thawing, immediately place vial in a 37°C water bath, transfer cells to a sterile 12 x 45 mm centrifuge tube after 12-45 minutes, add fresh complete medium and centrifuge at 1200 RPM for 5 minutes. The cells do not grow in other media.

Sterility: Negative for mycoplasma, bacteria and fungi.

Description: HUT 78 Cells infected with SIV BK28.

Special Characteristics: BK28 virus causes persistent infection and lymphadenopathy in rhesus macaques. Cellular atypia and giant cell formation occur in infected HUT 78 cells. The plasmid clone pBK28-SIV is available as Catalog #133.

Recommended Storage: Liquid nitrogen.

Contributor: Dr. James I. Mullins.

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: SIV BK28 Infected HUT 78 Cells from Dr. James Mullins." Also include the reference cited above in any publications.

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