



NIH AIDS Reagent Program

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DATA SHEET

Reagent:	☒ HIV-2 D194 Infected HUT 78 Cells
Catalog Number:	1119
Lot Number:	080291
Release Category:	E
Provided:	5 x 10 ⁶ cells/vial.
Cell Type:	Acute lymphoblastic leukemia cell. Lymphocytic cells; may form syncytia.
Propagation Medium:	RPMI 1640 supplemented with 2 mM L-glutamine, 100 U/ml penicillin, and 100 µg/mL streptomycin, 85%; fetal bovine serum, 15%.
Freeze Medium:	RPMI 1640, 40%; fetal bovine serum, 50%; DMSO, 10%.
Growth Characteristics:	HIV-2 D194 infected HUT 78 cells were cultured for five weeks, fed with uninfected HUT 78 cells (1:2 infected:uninfected cells), and cells and virus isolated at 3-4 day intervals to obtain this lot of infected cells.
Sterility:	Negative for bacteria, fungi, and mycoplasma.
Description:	Produces high levels of particle-associated RT.
Special Characteristics:	Virus has been grown in human mononuclear cells and U937 cells. Virus has been isolated from PBLs by coculture with human umbilical cord blood lymphocytes. It shows marked tropism for monocytes/macrophages and also stably infects U937.
Recommended Storage:	Liquid nitrogen.
Contributor:	Dr. Hagen von Briesen.

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.

References:

Kühnel H, von Briesen H, Dietrich U, Adamski M, Mix D, Biesert L, Kreutz R, Immelmann A, Henco K, Meichsner C, Andreesen R, Gelderblom H, Rübsamen-Waigmann H. Molecular cloning of two West African human immunodeficiency virus type 2 isolates that replicate well in macrophages: a Gambian isolate, from a patient with neurologic acquired immunodeficiency syndrome, and a highly divergent Ghanian isolate. *Proc Natl Acad Sci USA* **86**:2383-2387, 1989.

NOTE:

Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HIV-2 D194 Infected HUT 78 Cells from Dr. Hagen von Briesen." Also include the reference cited above in any publications. European patent no. for HIV-2 D194: 89710057.4; PCT no.: 07/994081 (patent pending); EMBL Accession no.: X52223; GenBank Accession no.: 204542.

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

Last Updated

July 02, 2018

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