



NIH AIDS Reagent Program

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DATA SHEET

Reagent:	U87MG Cells
Catalog Number:	2188
Lot Number:	110093
Release Category:	B
Provided:	6.4 x 10 ⁶ cells/vial, viability is 96%.
Cell Type:	Human astrocytoma (glioblastoma) cells. These human astrocytoma cells were isolated from a 44 year old adult.
Propagation Medium:	Eagle's MEM, 90%; fetal or newborn bovine serum, 10%.
Freeze Medium:	Propagation medium, 40%; fetal bovine serum, 50%; DMSO, 10%.
Morphology:	Epithelial-like
Sterility:	Negative for bacteria, fungi, and mycoplasma.
Description:	This cell line derived from a malignant glioma is commonly used for transfection and expression of exogenous genes.
Special Characteristics:	U87MG was used to develop the CD4+ cell line U87 CD4 Clone 2. Alternate names: U87, U87-MG
Recommended Storage:	Liquid nitrogen.

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.

Contributor: Dr. Bruce Chesebro. Distributed with the permission of Dr. Jan Ponten, University and Hospital of Upsala, Sweden.

References: Ponten J, MacIntyre EH. Long-term culture of normal and neoplastic human glia. *Acta Pathol Microbiol* **74**:465-486, 1968.

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: U87MG cells from Dr. Bruce Chesebro." Also include the reference cited above in any publications.

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