



## NIH AIDS Reagent Program

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### DATA SHEET

<b>Reagent:</b>	U87MG Cells
<b>Catalog Number:</b>	2188
<b>Lot Number:</b>	051150
<b>Release Category:</b>	B
<b>Provided:</b>	1.3 x 10 <sup>6</sup> cells/vial, viability is 94%.
<b>Cell Type:</b>	Human astrocytoma (glioblastoma) cells. These human astrocytoma cells were isolated from a 44 year old adult.
<b>Propagation Medium:</b>	Eagle's MEM, 90%; fetal or newborn bovine serum, 10%.
<b>Freeze Medium:</b>	Propagation medium, 40%; fetal bovine serum, 50%; DMSO, 10%.
<b>Morphology:</b>	Epithelial-like
<b>Sterility:</b>	Negative for bacteria, fungi, and mycoplasma.
<b>Description:</b>	This cell line derived from a malignant glioma is commonly used for transfection and expression of exogenous genes.
<b>Special Characteristics:</b>	U87MG was used to develop the CD4+ cell line U87 CD4 Clone 2. Alternate names: U87, U87-MG
<b>Recommended Storage:</b>	Liquid nitrogen.

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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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