Reagent: HEK-293 Cells

Catalog Number: 103

Lot Number: 160137

Release Category: A

Provided: 1 mL of cells at $6.0 \times 10^6$ cells/mL. Viability is 94%.

Propagation Medium: DMEM, 90%; FBS, 10%

Freeze Medium: RPMI, 50%; FBS, 40%; DMSO, 10%

Growth Characteristics: Cells grow in a monolayer and they double every 20 hours. Seeding ratio is 1:10. Passage cells when almost confluent at 1:6.

Sterility: Negative for mycoplasma, bacteria and fungi

Description: HEK-293 cells were isolated from primary human embryonic kidney tissue and transformed by sheared human adenovirus type 5 (Ad 5) DNA.

Special Characteristics: These cells bear the E1A/E1B genes of Ad 5 integrated into chromosome 19. The cell origin is unclear. While originally thought to be epithelial cells, data suggest they are of neuronal or adrenal gland origin.

Recommended Storage: Keep the reagent in liquid nitrogen.

Contributor: Dr. Andrew Rice.

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:


NOTE:

Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HEK-293 Cells from Dr. Andrew Rice." Also include the reference cited above in any publications.

Last Updated

September 11, 2017