

| 300697

Description	Human embryonic kidney (HEK) 293T cells, immortalized by overexpression of SV40 large T antigen, grown in DMEM supplemented with 10% FBS.
Organism	Human
Tissue	Embryonic kidney (HEK) (Human embryonic kidney)
Disease	None
Applications	Transfection, protein expression, viral production, cell-based assays, drug screening.

Morphology	Adherent (Epithelial)
Cell type	Epithelial
Growth properties	Highly proliferative

Citation	Wang et al. (2015) (HEK293T cells Cytion 300697)
Biosafety level	1
NCBI_TaxID	9606

Culture Medium	DMEM supplemented with 10% FBS
Supplements	DMEM, FBS (FBS) DMEM
Dissociation Reagent	Trypsin-EDTA 0.25% Accutase

Doubling time	48-72
Subculturing	70-80% PBS Trypsin-EDTA Accutase
Split ratio	1:2 1:3
Seeding density	5×10^3 /cm ²
Fluid renewal	2-3
Freeze medium	+ 10% DMSO
Thawing and Culturing Cells	1. 2. 3. 4. 5. 6. 7.
Incubation Atmosphere	37°C, 5% CO ₂
Shipping Conditions	
Storage Conditions	-150 -196 °C