

Product sheet

HET-1A | 305270

General Information

Description	HET-1A is a cell line derived from a human embryo. It is a fibroblast cell line that is used for research in stem cell biology and regenerative medicine. HET-1A cells are characterized by their ability to differentiate into various cell types, including neurons, cardiomyocytes, and hepatocytes. HET-1A cells are maintained in culture in the presence of growth factors and are used for the generation of induced pluripotent stem (iPS) cells.
Organism	Human
Tissue	Embryo
Synonyms	Het-1A, HET1A, Het1A

Characteristics

Age	74 years
Gender	Male
Ethnicity	German
Morphology	Fibroblast
Cell type	Primary
Growth properties	Adherent

Documentation

Citation	HET-1A (ATCC CCL-213) Cytion 305270
Biosafety level	2
NCBI_TaxID	9606
CellosaurusAccession	CVCL_3702
GMO Status	GMO-S1: SV40 T-Antigen (pRSV-T) (HET-1A) SV40 T-Antigen (pRSV-T)

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Thawing and Culturing Cells

1. Thaw the vial rapidly in a 37°C water bath. Do not vortex. Transfer the cells to a pre-warmed medium.
2. Centrifuge at 300 x g for 3 minutes. Resuspend in 150 µl of medium. Incubate at 37°C for 24 hours.
3. Seed cells into a 96-well plate (100 µl per well). Incubate at 37°C for 24 hours.
4. Harvest cells for analysis. Efficiency is approximately 70%.
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8. Harvest cells for analysis. Efficiency is approximately 70%.

Incubation Atmosphere 37°C, 5% CO₂, humidified

Flask Coating Cell culture medium, 100 µl per well

Freezing Procedure Harvest cells, resuspend in 100 µl of freezing medium, freeze at -80°C

Shipping Conditions Store at -80°C

Storage Conditions Store at -150°C for 196 weeks

HLA

Sterility Sterile, PCR negative