

Product sheet

**HET-1A | 305270**

**General Information**

<b>Description</b>	HET-1A is a cell line derived from a human embryo. It is a fibroblast cell line that is used for research purposes. HET-1A is a cell line derived from a human embryo. It is a fibroblast cell line that is used for research purposes.
<b>Organism</b>	Human
<b>Tissue</b>	Embryo
<b>Synonyms</b>	Het-1A, HET1A, Het1A

**Characteristics**

<b>Age</b>	74 years
<b>Gender</b>	Male
<b>Ethnicity</b>	White
<b>Morphology</b>	Fibroblast
<b>Cell type</b>	Primary
<b>Growth properties</b>	Adherent

**Identification**

<b>Citation</b>	HET-1A (ATCC CCL-3702)   Cytion 305270
<b>Biosafety level</b>	2
<b>NCBI_TaxID</b>	9606
<b>CellosaurusAccession</b>	CVCL_3702
<b>GMO Status</b>	GMO-S1: SV40 T-Antigen (pRSV-T) (HET-1A)



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**Thawing and  
Culturing Cells**

1. Thaw the vial rapidly in a water bath at 37°C. Do not allow the cells to reach room temperature. Transfer the cells to a pre-warmed medium.
2. Centrifuge the cells at 300 x g for 3 minutes. Resuspend the cells in 15 µl of medium. Seed the cells into a 96-well plate.
3. Incubate the cells at 37°C with 5% CO<sub>2</sub> in a humidified atmosphere. The cells should reach 70% confluency within 7-10 days.
4. Harvest the cells by trypsinization. Seed the cells into a new 96-well plate.
5. Repeat the process for subsequent passages.
6. For long-term storage, freeze the cells in liquid nitrogen.
7. Thaw the cells in a water bath at 37°C.
8. Seed the cells into a pre-warmed medium.

**Incubation Atmosphere** 37°C, 5% CO<sub>2</sub>, humidified atmosphere

**Flask Coating** None

**Freezing Procedure** Harvest cells by trypsinization. Resuspend in 100 µl of freezing medium. Freeze in liquid nitrogen.

**Shipping Conditions** Store at -78°C in liquid nitrogen.

**Storage Conditions** Store at -150°C for up to 196 days.

**Genotype / HLA**

**Sterility** The cells are free of mycoplasmas and other contaminants. PCR testing is available upon request.