

Product sheet

H-MESO-1A | 300187

General Information

Description	H-MESO-1A is a human mesothelial cell line derived from a patient with mesothelioma. It is characterized by its epithelial morphology and ability to form multicellular spheroids in suspension culture. The cells are immortalized and exhibit stable growth characteristics.
Organism	Human
Tissue	Mesothelium
Disease	Mesothelioma
Synonyms	H-Meso-1A, H-Meso 1A, H-Meso1A, HMeso01A, HMESO1A, HMeso1A

Cell Characteristics

Age	35 days
Gender	Male
Ethnicity	White
Morphology	Epithelial, spherical
Growth properties	Adherent, suspension

Identification and Safety

Citation	H-MESO-1A (ATCC CCL-222) Cytion 300187
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_5760

Additional Information

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Thawing and Culturing Cells

1. Thaw the vial rapidly in a water bath at 37°C. Do not allow the vial to touch the bottom of the bath. Transfer the cells to a pre-warmed tube.
2. Centrifuge at 300 x g for 3 minutes. Resuspend the cells in 10 ml of pre-warmed medium. Incubate at 37°C for 15 minutes.
3. Seed the cells into a pre-warmed flask. Add 8 ml of medium. Incubate at 37°C for 24 hours.
4. Harvest the cells. Resuspend in 10 ml of medium. Incubate at 37°C for 24 hours.
5. Seed the cells into a pre-warmed flask. Add 8 ml of medium. Incubate at 37°C for 24 hours.
6. Harvest the cells. Resuspend in 10 ml of medium. Incubate at 37°C for 24 hours.
7. Seed the cells into a pre-warmed flask. Add 8 ml of medium. Incubate at 37°C for 24 hours.
8. Harvest the cells. Resuspend in 10 ml of medium. Incubate at 37°C for 24 hours.

Incubation Atmosphere

37°C, 5% CO₂, humidified

Flask Coating

Coated with poly-L-lysine

Freezing Procedure

Resuspend cells in 1 ml of freezing medium. Freeze at -80°C.

Shipping Conditions

Store at -80°C

Storage Conditions

Store at -150°C for 196 months

HEMESO-1A / HLA

Sterility

HEMESO-1A is sterile and ready to use for PCR.

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XXXXH-MESO-1A | 300187

XXXXXX HLA

A*: 02:01:01
B*: 13:02:01, 44:02:01
C*: '06:02:01, '07:04:01
DRB1*: 07:01:01, 13:01:01
DQA1*: '01:03:01, '02:01:01
DQB1*: 02:02:01, 06:03:01
DPB1*: '03:01:01, '20:01:01
E: 01:01, 01:03