

HS-695T | 300211

Cell Line

Description HS-695T is a human melanocyte cell line, established from a normal skin melanocyte. It is a clonal cell line derived from a normal skin melanocyte. HS-695T is a human melanocyte cell line, established from a normal skin melanocyte. It is a clonal cell line derived from a normal skin melanocyte. HS-695T is a human melanocyte cell line, established from a normal skin melanocyte. It is a clonal cell line derived from a normal skin melanocyte.

Organism Human

Tissue Skin

Disease Melanoma

Metastatic site Skin

Synonyms Hs 695.T, Hs-695-T, Hs 695T, HS 695T, Hs695T, HS695T, Hs695

Characteristics

Age 26 years

Gender Male

Ethnicity Caucasian

Morphology Epithelial

Growth properties Adherent

References

Citation HS-695T (Cytion 300211)

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_0851

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Cell Line **HS-695T**

Protein expression	P53
Isoenzymes	G6PD, B, PGM1, 1, PGM3, 1, ES-D, 1, Me-2, 0, AK-1, 1, GLO-1, 1, 0.0427
Tumorigenic	
Mutational profile	BRAF V600Emut
Karyotype	(P19-40) = 52, Y

Media

Culture Medium	DMEM, w: 4.5 g/L, w: 4 mM L-, w: 3.7 g/L NaHCO3, w: 1.0 mM (Cytion 820300a)
Supplements	10% FBS
Dissociation Reagent	
Subculturing	3-5 x 10 ⁴ cells / 100 cm ² flask, 1:3-1:5 split ratio
Seeding density	2 x 10 ⁴ cells / 100 cm ² flask
Fluid renewal	2-3 times per week
Post-Thaw Recovery	24 hours
Freeze medium	10% FBS + 10% DMSO

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Thawing and Culturing Cells

1. Thaw the vial quickly in a water bath at 37°C. Do not leave the vial at room temperature for more than 5 minutes.
2. Add the cell suspension to a pre-warmed T25 flask containing 10 ml of complete medium. Mix gently by pipetting up and down.
3. Incubate the cells in a humidified CO₂ incubator at 37°C with 5% CO₂.
4. Check the cells daily under a microscope. When the cells reach 70-80% confluency, passage them.
5. Seed the cells into a new T25 flask with 10 ml of complete medium. Use a 15 ml pipette to transfer 8 ml of the cell suspension.
6. Centrifuge the cells at 300 x g for 3 minutes. Remove the supernatant and resuspend the cells in 10 ml of complete medium.
7. Seed the cells into a new T25 flask with 10 ml of complete medium. Use a 10 ml pipette to transfer 8 ml of the cell suspension.
8. Incubate the cells in a humidified CO₂ incubator at 37°C with 5% CO₂.

Incubation Atmosphere

37°C, 5% CO₂, humidified

Flask Coating

Not required

Freezing Procedure

For long-term storage, freeze the cells in a cryovial with 1 ml of freezing medium. Store at -80°C.

Shipping Conditions

Store at -80°C. Shipping temperature: -78°C.

Storage Conditions

Store at -150°C for 196 days. Do not thaw more than once.

HLA

Sterility

The cells are supplied in a sterile, sealed vial. PCR products are not included. The cells are not tested for mycoplasma contamination.