

Product sheet

HCC1395 | 305546

General Information

Description	HCC1395 is a cell line derived from a patient with a primary tumor of the tongue (TNBC). HCC1395 is a highly metastatic cell line that grows in soft agar and is capable of forming xenografts in immunodeficient mice. HCC1395 is a highly metastatic cell line that grows in soft agar and is capable of forming xenografts in immunodeficient mice.
Organism	Human
Tissue	Head and Neck
Disease	Head and Neck Cancer
Synonyms	HCC-1395, SCC-1395, HCC1395

Characteristics

Age	43 years
Gender	Male
Ethnicity	White
Morphology	Epithelial
Cell type	Epithelial
Growth properties	Adherent

Additional Information

Citation	HCC1395 (ATCC CCL-1395) Cytion 305546
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1249

Cell HCC1395 | 305546

Thawing and Culturing Cells

1. **Thawing:** Thaw the vial rapidly in a 37°C water bath. Transfer the cells to a pre-warmed tube containing 10 mL of complete medium. Centrifuge at 300 x g for 5 minutes. Resuspend the cells in 1 mL of complete medium and transfer to a new tube.
2. **Washing:** Wash the cells by centrifugation at 300 x g for 5 minutes. Remove the supernatant and resuspend the cells in 1 mL of PBS. Centrifuge again at 300 x g for 5 minutes. Repeat this step once more.
3. **Resuspension:** Resuspend the cells in 1 mL of complete medium. Count the cells using a hemacytometer and adjust the concentration to 1 x 10⁶ cells/mL.
4. **Seeding:** Seed the cells into a 25 cm² flask containing 10 mL of complete medium. The final cell concentration should be approximately 1 x 10⁵ cells/mL.
5. **Incubation:** Incubate the cells in a humidified 5% CO₂ atmosphere at 37°C. Change the medium every 2-3 days.
6. **Passaging:** When the cells reach 70-80% confluency, passage them into a new flask. Use trypsin to detach the cells and resuspend them in complete medium.
7. **Freezing:** For long-term storage, harvest the cells by centrifugation at 300 x g for 5 minutes. Resuspend the pellet in 1 mL of freezing medium and transfer to a cryovial. Freeze the vial in a dry ice/acetone slush and store at -80°C.
8. **Thawing:** Thaw the vial rapidly in a 37°C water bath. Transfer the cells to a pre-warmed tube containing 10 mL of complete medium. Centrifuge at 300 x g for 5 minutes. Resuspend the cells in 1 mL of complete medium and transfer to a new tube.

Incubation Atmosphere 37°C, 5% CO₂, humidified

Flask Coating None

Freezing Procedure Harvest cells by centrifugation at 300 x g for 5 minutes. Resuspend the pellet in 1 mL of freezing medium and transfer to a cryovial. Freeze the vial in a dry ice/acetone slush and store at -80°C.

Shipping Conditions Store at -80°C. Ship on dry ice in a cool box.

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

Cell Line / Organism / HLA

Sterility The cells are certified to be free of mycoplasmas and other contaminants. PCR testing is performed on each batch.