

HCC366 | 302155

Description	HCC366 is a cell line derived from a primary lung adenocarcinoma (NSCLC) of a 78-year-old male patient. It is a highly proliferative, anchorage-dependent cell line that grows as a monolayer in the presence of 10% fetal bovine serum (FBS) in DMEM supplemented with 10% FBS. HCC366 is a highly proliferative, anchorage-dependent cell line that grows as a monolayer in the presence of 10% fetal bovine serum (FBS) in DMEM supplemented with 10% FBS.
Organism	Human
Tissue	Lung
Disease	Non-small cell lung carcinoma (NSCLC)
Synonyms	HCC-366, HCC0366, HCC0366, HCC366, HCC366, HCC366, HCC366
Age	80 years
Gender	Male
Ethnicity	White
Growth properties	Highly proliferative, anchorage-dependent cell line that grows as a monolayer in the presence of 10% fetal bovine serum (FBS) in DMEM supplemented with 10% FBS.
Citation	HCC366 (ATCC CCL-222) 302155
Biosafety level	1
NCBI_TaxID	9606
CellSaurusAccession	CVCL_2059

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Culture Medium RPMI 1640 (2.0 mM) (L-glutamine free) (Sigma) (2.0 mM) / NaHCO₃ (Sigma 820700a (L-glutamine free))

Supplements 10% FBS (Fetal Bovine Serum) (Sigma)

Dissociation Reagent Trypsin-EDTA (Sigma)

Subculturing Cells are seeded into T75 flasks (Corning) in 10% FBS medium. When cells reach 80-90% confluency, they are harvested into 15 mL tubes and centrifuged at 300 x g for 5 minutes. The supernatant is removed, and the cell pellet is resuspended in PBS.

Freeze medium RPMI 1640 (2.0 mM) (L-glutamine free) (Sigma) (2.0 mM) / NaHCO₃ (Sigma 820700a (L-glutamine free)) + 10% DMSO + 10% FBS

- Thawing and Culturing Cells**
1. Thaw the cells in a 37°C water bath.
 2. Centrifuge the cells at 300 x g for 5 minutes.
 3. Remove the supernatant and resuspend the cell pellet in 10% FBS medium.
 4. Seed the cells into T75 flasks (Corning) in 10% FBS medium.
 5. Allow the cells to recover for 15-24 hours.
 6. Harvest the cells into 15 mL tubes and centrifuge at 300 x g for 5 minutes.
 7. Resuspend the cell pellet in 10% FBS medium.
 8. Seed the cells into T75 flasks (Corning) in 10% FBS medium.

Incubation Atmosphere 37°C, 5% CO₂

Flask Coating Cells are seeded into T75 flasks (Corning) in 10% FBS medium.

Freezing Procedure Cells are seeded into T75 flasks (Corning) in 10% FBS medium. When cells reach 80-90% confluency, they are harvested into 15 mL tubes and centrifuged at 300 x g for 5 minutes. The supernatant is removed, and the cell pellet is resuspended in freeze medium.

