

Cell HuH-6 | 305092

General information

Description	Cell HuH-6 is a liver cancer cell line derived from a 60-year-old male patient with hepatocellular carcinoma. It is a continuous cell line that grows in the form of monolayers and is characterized by its high proliferation rate and ability to form spheroids. The cell line is maintained in DMEM/F12 medium supplemented with 10% fetal bovine serum (FBS) and 1% penicillin/streptomycin. It is a non-adherent cell line that grows in suspension culture.
Organism	Human
Tissue	Liver
Disease	Hepatocellular carcinoma
Synonyms	HUH-6, HuH 6, HuH6, HUH6, Huh6

Characteristics

Age	60 years
Gender	Male
Ethnicity	Chinese
Morphology	Epithelial
Growth properties	Adherent

Identification and authentication

Citation	HuH-6 (Cell Culture Collection Cytion 305092)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_4381

Storage and handling

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General

Culture Medium DMEM, w: 4.5 g/L D-glucose, w: 4 mM L-glutamine, w: 3.7 g/L NaHCO₃, w: 1.0 mM Sodium Pyruvate (Cytion 820300a)

Supplements 10% FBS

Dissociation Reagent Trypsin

Subculturing Cells are grown in DMEM supplemented with 10% FBS. Cells are grown in T25, 3-5 flasks in 100% FBS, 3 flasks. Cells are grown in DMEM, 10% FBS, 10% DMSO. Cells are grown in DMEM, 10% FBS, 10% DMSO.

Fluid renewal 2 x 3 flasks

Freeze medium DMEM, 10% FBS, 10% DMSO (10% FBS) + 10% DMSO

- Thawing and Culturing Cells**
1. Cells are grown in DMEM supplemented with 10% FBS. Cells are grown in T25, 3-5 flasks in 100% FBS, 3 flasks. Cells are grown in DMEM, 10% FBS, 10% DMSO. Cells are grown in DMEM, 10% FBS, 10% DMSO.
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Incubation Atmosphere 37°C, 5% CO₂, 10% FBS

Flask Coating 10% FBS

[illegible]

-78°C

Abstract