

HUH-1 | 305553

General information

Description	HuH-1 is a human hepatocellular carcinoma (HCC) cell line, derived from a 53-year-old male patient. It is a highly tumorigenic cell line that grows as a monolayer in DMEM supplemented with 10% fetal bovine serum (FBS). HuH-1 cells are characterized by their high proliferation rate and their ability to form xenografts in immunodeficient mice. The cell line is also known for its high expression of albumin and other liver-specific markers. HuH-1 cells are widely used in research on liver cancer and drug metabolism. HuH-1 cells are also known for their high expression of microRNA-122, which is a characteristic marker for liver cancer.
Organism	Human
Tissue	Liver
Disease	Hepatocellular carcinoma
Synonyms	huH-1, HuH-1, huH 1, HuH1, HU1, HUH1, huH1

Cell characteristics

Age	53 years
Gender	Male
Ethnicity	Chinese
Morphology	Epithelial cells
Growth properties	High proliferation rate

Cell culture conditions

Citation	HUH-1 (Cytion) Cytion: 305553
Biosafety level	2
NCBI_TaxID	9606
CellosaurusAccession	CVCL_2956

Cell culture media and supplements

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**Incubation
Atmosphere**

37°C, 5%_{CO2}, **humidified**

**Shipping
Conditions**

Shipped at -78°C

**Storage
Conditions**

Store at -150 to -196 °C

Not for clinical use

Sterility

Not tested for sterility