

Product sheet

HepG2.2.15 | 305227

General information

Description	HepG2.2.15 is a human liver carcinoma cell line derived from HepG2, which is a cell line derived from a human liver carcinoma. It is a cell line that is used for the study of liver cancer and is known for its ability to produce and secrete various liver-specific proteins and enzymes. It is a cell line that is used for the study of liver cancer and is known for its ability to produce and secrete various liver-specific proteins and enzymes.
Organism	Human
Tissue	Liver
Disease	Hepatocellular carcinoma
Synonyms	HEP-G2/2.2.15, Hep-G2/2215, HepG2/2215, HepG2-2.2.15, HepG2 2.2.15, HepG/2.2.15, HepG2(2.2.15), 2.2.15

Characteristics

Age	15 years
Gender	Male
Ethnicity	Chinese
Growth properties	Adherent

References and safety

Citation	HepG2.2.15 (ATCC CCL-2297) Cytion 305227
Biosafety level	2
NCBI_TaxID	9606
CellSaurusAccession	CVCL_L855

Additional information

Notes

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Culture Medium Ham's F12K Medium, w: 2.0 mM L-Glutamine, w: 2.0 mM Sodium pyruvate, w: 2.5 g/L NaHCO₃ (Cytion 820608a)

Supplements Cytion 820608a 10% FBS

Dissociation Reagent Cytion 820608a

Subculturing Cells are cultured in Ham's F12K Medium supplemented with 10% FBS. For subculturing, cells are trypsinized with 0.25% Trypsin-EDTA (Cytion 820608a) for 3-5 minutes at 37°C. Cells are then washed with PBS and resuspended in Ham's F12K Medium supplemented with 10% FBS.

Seeding density 5×10^4 cells/cm²

Freeze medium Ham's F12K Medium supplemented with 10% FBS + 10% DMSO

- Thawing and Culturing Cells**
1. Thaw the vial rapidly in a 37°C water bath.
 2. Dilute the cells into 10 ml of Ham's F12K Medium supplemented with 10% FBS.
 3. Seed the cells into a T25 flask.
 4. Incubate the cells at 37°C in 5% CO₂ until they reach 70% confluency.
 5. Harvest the cells by trypsinization with 0.25% Trypsin-EDTA (Cytion 820608a) for 3-5 minutes at 37°C.
 6. Wash the cells with PBS and resuspend them in Ham's F12K Medium supplemented with 10% FBS.
 7. Seed the cells into a T25 flask.
 8. Incubate the cells at 37°C in 5% CO₂ until they reach 70% confluency.

Incubation Atmosphere 37°C, 5% CO₂

Flask Coating Cytion 820608a

