

Product sheet

SNU-368 | 305631

General Information

Description	SNU-368 is a cell line derived from a Hepatocellular Carcinoma (HCC) patient (54). It is a continuous cell line, SNU-368 contains DNA from Hepatitis B Virus (HBV), HBx, and preS/S. SNU-368 is a continuous cell line, SNU-368 (LIMORE), SNU-368
Organism	Human
Tissue	Liver
Disease	Hepatocellular Carcinoma
Synonyms	SNU368

Cell Line Characteristics

Age	54 years
Gender	Male
Ethnicity	Chinese
Morphology	Epithelial
Cell type	Primary
Growth properties	Adherent

Additional Information

Citation	SNU-368 (Cytion 305631)
Biosafety level	2
NCBI_TaxID	9606
CellosaurusAccession	CVCL_3948

HEP2 SNU-368 | 305631

HEP2 **HEP2** - **HEP2**

Viruses HBV

Mutational profile **HEP2**: ARID1A, **HEP2**, p.Leu1607Profs*41 (c.4817dupT), **HEP2**; **HEP2**: AXIN1, **HEP2**, p.Gln184Ter (c.550C>T), **HEP2** (C228T), **HEP2**; **HEP2**: TP53, **HEP2**, p.Ser106Arg (c.318C>G), **HEP2**

Karyotype **HEP2** **HEP2** Y.

HEP2

Culture Medium RPMI 1640, w: 2.0 mM **HEP2**, w: 2.0 g/L NaHCO3 (**HEP2** **HEP2** **HEP2** Cytion 820700a)

Supplements **HEP2** **HEP2** 10% FBS **HEP2** **HEP2**

Dissociation Reagent **HEP2**

Doubling time 41 **HEP2**

Subculturing **HEP2** **HEP2**, **HEP2** **HEP2** 0.25% **HEP2**-EDTA 0.02% **HEP2**, **HEP2** **HEP2** **HEP2** **HEP2** **HEP2** 37 **HEP2** **HEP2** **HEP2**

Split ratio **HEP2** **HEP2** **HEP2** 1:4

Fluid renewal 2 **HEP2** 3 **HEP2** **HEP2**

Freeze medium **HEP2** **HEP2** **HEP2**, **HEP2** **HEP2** **HEP2** **HEP2** (**HEP2** FBS) + 10% DMSO **HEP2** **HEP2** **HEP2** **HEP2** **HEP2**, **HEP2**

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Thawing and Culturing Cells

1. Thaw the cells rapidly in a water bath at 37°C. Do not allow the cells to remain at room temperature for more than 15 minutes.
2. Centrifuge the cells at 300 x g for 3 minutes. Resuspend the cells in 15 ml of complete medium.
3. Seed the cells into a T25 flask containing 10 ml of complete medium. Seed density: 1.5 x 10⁶ cells per flask.
4. Incubate the cells at 37°C with 5% CO₂ in a humidified atmosphere. Monitor cell growth and confluency.
5. Once cells reach 70-80% confluency, passage the cells into a new T25 flask.
6. Repeat the passage process as needed to maintain a confluent cell culture.
7. For long-term storage, harvest cells and resuspend in cryopreservation medium.
8. Store cells in liquid nitrogen vapor phase.

Incubation Atmosphere

37°C, 5% CO₂, humidified

Flask Coating

None

Shipping Conditions

Cells are shipped in a dry ice container at -78°C.

Storage Conditions

Cells can be stored in liquid nitrogen vapor phase for up to 196 days.

HLA

Sterility

Cells are tested for mycoplasma contamination using PCR.

Cells are tested for endotoxin contamination using the LAL assay.