

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 Characteristics

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

References and Safety

Citation	SNU-368 (Cytion 305631)
Biosafety level	2
NCBI_TaxID	9606
CellSaurusAccession	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. **Thawing:** Thaw the vial rapidly in a 37°C water bath. Transfer the cells to a pre-warmed medium.
2. **Centrifugation:** Centrifuge the cells at 300 x g for 3 minutes. Remove the supernatant and wash the cells with pre-warmed medium.
3. **Resuspension:** Resuspend the cells in pre-warmed medium. Seed the cells into a 15 cm² flask at a density of 8 x 10⁵ cells per flask.
4. **Medium Change:** After 24 hours, change the medium to fresh pre-warmed medium. Remove 70% of the medium.
5. **Incubation:** Incubate the cells in a humidified atmosphere at 37°C and 5% CO₂.
6. **Passaging:** When the cells reach 70-80% confluency, passage them into a new flask.
7. **Seeding:** Seed the cells into a 10 cm² flask at a density of 1 x 10⁶ cells per flask.
8. **Storage:** Store the cells in liquid nitrogen for long-term storage.

Incubation Atmosphere 37°C, 5% CO₂, humidified

Flask Coating No coating

Shipping Conditions Store at -78°C

Storage Conditions Store at -150°C for 196 days

HLA

Sterility

PCR negative

Endotoxin free