

HEP-G2/C3A | 305891

HEP-G2/C3A

Description	Hep-G2/C3A (HEP-G2/C3A) is a human liver cancer cell line (Homo sapiens) derived from a 15-year-old male patient with hepatocellular carcinoma. It is a continuous cell line that grows in the presence of insulin, transferrin, and selenium (ITS) medium. Hep-G2/C3A cells are used for the study of liver cancer and for the production of recombinant proteins.
Organism	HEP-G2/C3A
Tissue	HEP-G2/C3A
Disease	HEP-G2/C3A
Synonyms	HepG2/C3A, Hep G2/C3A, C3A

HEP-G2/C3A

Age	15 years
Gender	Male
Ethnicity	HEP-G2/C3A
Morphology	HEP-G2/C3A
Growth properties	HEP-G2/C3A

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Citation	Hep-G2/C3A (HEP-G2/C3A) Cytion 305891
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1098

HEP-G2/C3A

Product sheet

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Mutational profile p.Gln61Leu, p.Gln61Leu

HEP-Hep-G2/C3A

Culture Medium EMEM (MEM Eagle), w: 2 mM L-Glutamine, w: 2.2 g/L NaHCO₃, w: EBSS (Cytion 820100a)

Supplements 10% FBS

Dissociation Reagent Trypsin

Freeze medium EMEM (MEM Eagle), w: 2 mM L-Glutamine, w: 2.2 g/L NaHCO₃, w: EBSS (Cytion 820100a) + 10% DMSO

Thawing and Culturing Cells

1. Thaw cells quickly in a water bath at 37°C, then transfer to a tube on ice.
2. Add 10 ml of culture medium and centrifuge at 200 x g for 5 minutes.
3. Remove the supernatant and resuspend the cells in 1 ml of culture medium.
4. Seed cells into a 25 cm² flask containing 10 ml of culture medium.
5. Incubate the cells in a humidified incubator at 37°C with 5% CO₂.
6. Monitor cell growth and confluency.
7. Harvest cells when they reach 70-80% confluency.

Incubation Atmosphere 37°C, 5% CO₂, humidified

Flask Coating None

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

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**Storage
Conditions**

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