

HEP-2 | 300397

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Description

HEP-2 is a cell line derived from a human liver carcinoma. It is a continuous cell line that grows in culture. The cells are epithelial in nature and are used for various research purposes, including drug screening and toxicology studies.

Organism HEP-2

Tissue HEP-2

Disease HEP-2

Applications HEP-2

Synonyms Hep-2, HEP-2, HEP-2, HEP-2/HeLa, Hep 2, Hep 2, Hep 2, HEP2, H.Ep.-2, H.Ep. #2, H.Ep. No. 2, H.Ep. 2, Hep II

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Age 30

Gender

Ethnicity

Morphology

Growth properties

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Citation HEP-2 (300397)

Biosafety level 1

NCBI_TaxID 9606

Product sheet

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CellosaurusAccession CVCL_1906

XXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX

Isoenzymes G6PD

Reverse transcriptase

Products

XXXXXXXXXX

Culture Medium EMEM (MEM Eagle) 2 2.2 NaHCO3 EBSS (820100a)

Supplements 10 1

Dissociation Reagent

Subculturing PBS

Seeding density 1×10^4

Fluid renewal 2 3

Post-Thaw Recovery 4 24

Freeze medium (FBS) + 10% DMSO

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Thawing and Culturing Cells

1. Thaw the cells in a water bath at 37°C. Transfer the cells to a 15 mL centrifuge tube and centrifuge at 300 x g for 3 minutes. Remove the supernatant and resuspend the cells in 10 mL of DMEM supplemented with 10% FBS. Seed the cells into a T75 flask.
2. Incubate the cells in a humidified CO2 incubator at 37°C until they reach 70-80% confluency.
3. Wash the cells with PBS and trypsinize them. Seed the cells into a T75 flask with DMEM supplemented with 10% FBS.
4. Incubate the cells in a humidified CO2 incubator at 37°C until they reach 70-80% confluency.
5. Wash the cells with PBS and trypsinize them. Seed the cells into a T75 flask with DMEM supplemented with 10% FBS.
6. Incubate the cells in a humidified CO2 incubator at 37°C until they reach 70-80% confluency.
7. Wash the cells with PBS and trypsinize them. Seed the cells into a T75 flask with DMEM supplemented with 10% FBS.
8. Incubate the cells in a humidified CO2 incubator at 37°C until they reach 70-80% confluency.

Incubation Atmosphere 37°C, 5% CO2

Flask Coating Coated with poly-L-lysine

Freezing Procedure Seed cells into a T75 flask with DMEM supplemented with 10% FBS. Once cells reach 70-80% confluency, trypsinize and seed into a T75 flask with DMEM supplemented with 10% FBS.

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

Storage Conditions Cells are stored in a liquid nitrogen container at -150 to -196°C.

HEP-2 / HLA

Sterility Cells are tested for mycoplasma contamination using PCR.