

HepG2 | 300198

Description	HepG2			HepG2	1975				
	HepG2								HepG2
	HepG2			HepG2			P450		P450
	HepG2	Hep3B	HepaRG						

Organism

Tissue

Disease

Applications	HepG2
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Synonyms	HEP-G2, Hep G2, HEP G2, Hep-G2, HEPG2
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Age	15
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Gender

Ethnicity

Morphology

Growth properties

Citation	HepG2 Cytion 300198
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Biosafety level	1
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NCBI_TaxID	9606
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CellosaurusAccession CVCL_0027

Receptors expressed II IGF II

Protein expression P53

Tumorigenic

Products 1 1 1 1 1 1 2HS 2-HS- α2- α-2-macroglob

Karyotype = 55 = 50-60 1

Culture Medium Ham's F12 w 1.0 mM w 1.0 mM w 1.1 g/L NaHCO3 Cytion 820600a

Supplements 10% FBS

Dissociation Reagent Accutase

Doubling time 48

Subculturing PBS T25 3-5 PBS T75 5-10 Accutase T25 1-2 T75 2.5

Seeding density ⁴ 2 /β×10

Fluid renewal 2 3

Post-Thaw Recovery 2xT25 48 72

Freeze medium FBS +10% DMSO CM-1 Cytion 800100 CM-1 Cytion 800100

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Thawing and Culturing Cells

- 1.
2. -150°C 3
3. 37°C 40-60
4. 70%
5. 8 15
6. 300 x g 3
7. 10 T25 T25
- 8.

Incubation Atmosphere 37°C, 5% CO₂

Flask Coating

Freezing Procedure -78 °C

Shipping Conditions -78 °C

Storage Conditions -150 -196 ❏ -80 °C

/ /HLA

Sterility PCR

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HLA

A*: '02:01:01, '24:02:01

B*: '35:14:01, '51:08:01

C*: '04:01:01, '16:02:01

DRB1*: '13:02:01, '16:02:01

DQA1*: '01:02:01, '05:05:01

DQB1*: '03:01, '06:04

DPB1*: '02:01:02, '04:02:01

E: '01:01:01