

HepG2 | 300198

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

Organism
Tissue

Disease		
Applications	HepG2	3D

Synonyms	HEP-G2, Hep G2, HEP G2, Hep-G2, HEPG2
-----------------	---------------------------------------

Age	15
Gender	

Ethnicity
Morphology

Growth properties

Citation	HepG2(300198)
Biosafety level	1	

NCBI_TaxID	9606
-------------------	------

HepG2 | 300198

CellosaurusAccession CVCL_0027

Receptors expressed , II(IGF II)

Protein expression P53

Tumorigenic

Products , (), 1 (-1), 1 (-1), 1 (-1), 2 HS (-2-HS-

Karyotype = 55(= 50~60), 1

Culture Medium F12, w: 1.0mM , w: 1.0mM , w: 1.1g/L NaHCO3(820600a)

Supplements 10% FBS

Dissociation Reagent

Doubling time 48

Subculturing PBS . T25 3~5ml, T75 5~10ml PBS . T25

Seeding density $2 \sim 3 \times 10^4$ cells/cm²

Fluid renewal 2~3

Post-Thaw Recovery 2xT25 . 48~72 .

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

HepG2 | 300198

Thawing and Culturing Cells

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

Incubation Atmosphere

37°C, 5% CO₂

Flask Coating

Freezing Procedure

-78°C

Shipping Conditions

-78°C

Storage Conditions

-150°C -196°C .80°C

/ / HLA

Sterility

PCR

HepG2 | 300198

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