Resource Summary Report

Generated by dkNET on Aug 20, 2026

Hep-G2

RRID:CVCL_0027
Type: Cell Line

Proper Citation

RRID:CVCL_0027

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0027

Proper Citation: RRID:CVCL_0027

Description: Cell line Hep-G2 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Hepatoblastoma

Defining Citation: PMID:233137, PMID:2439335, PMID:6248960, PMID:6288577, PMID:7972006, PMID:8050184, PMID:8224613, PMID:8384076, PMID:8389256, PMID:8835345, PMID:9178645, PMID:9359923, PMID:11050057, PMID:11416159, PMID:11981770, PMID:12029633, PMID:12068308, PMID:14980111, PMID:15767549, PMID:16181800, PMID:16935386, PMID:16957166, PMID:17254797, PMID:19215227, PMID:19751877, PMID:20069059, PMID:20215515, PMID:20228232, PMID:20937217, PMID:21269460, PMID:22278370, PMID:22460905, PMID:23325432, PMID:23505090, PMID:23887712, PMID:24116068, PMID:24618588, PMID:25485619, PMID:25574106, PMID:25877200, PMID:25960936, PMID:26160117, PMID:26589293, PMID:26825538, PMID:27027780, PMID:27329724, PMID:27470094, PMID:28196595, PMID:29610054, PMID:29660373, PMID:30629668, PMID:30864654, PMID:30894373, PMID:31063779, PMID:31068700, PMID:31378681, PMID:31395879, PMID:31561354, PMID:31978347, PMID:32471280, PMID:32899426, PMID:34320349

Comments: Population: Caucasian., Part of: TCGA-110-CL cell line panel., Part of: MD Anderson Cell Lines Project., Part of: Liver Cancer Model Repository (LIMORE)., Part of: JFCR45 cancer cell line panel., Part of: Human Protein Atlas, Cell Atlas panel., Part of: ENCODE project common cell types; tier 1., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE)., Problematic cell line: Misclassified. Originally thought to be a hepatocellular carcinoma cell line but shown to be from an hepatoblastoma (PubMed=19751877).., Group: Patented cell line.

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: Hep-G2

Synonyms: HEP-G2, Hep G2, HEP G2, HepG2, HEPG2

Cross References: BTO:BTO_0000599, CLO:CLO_0003704, CLO:CLO_0003713, CLO:CLO_0050856, CLO:CLO_0050858, EFO:EFO_0001187, MCCL:MCC:0000222, CLDB:cl1635, CLDB:cl1636, CLDB:cl1637, CLDB:cl1638, CLDB:cl1639, CLDB:cl1641, CLDB:cl1642, CLDB:cl1643, CLDB:cl1644, CLDB:cl4910, Abcam:ab257304, Abcam:ab275467, AddexBio:C0015002/46, ArrayExpress:E-MTAB-38, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-6919, ATCC:HB-8065, BCRC:60025, BCRJ:0103, BioGRID_ORCS_Cell_line:809, BioSample:SAMN01821557, BioSample:SAMN01821681, BioSample:SAMN03472183, BioSample:SAMN10988201, cancercelllines:CVCL_0027, CCRID:1101HUM-PUMC000035, CCRID:3101HUMSCSP510, CCRID:3101HUMTCHu72, CCRID:4201HUM-CCTCC00024, CCRID:5301HUM-KCB05007YJ, CCTCC:GDC0024, Cell_Model_Passport:SIDM00904, CGH-DB:9068-4, ChEMBL-Cells:CHEMBL3307718, ChEMBL-Targets:CHEMBL395, CLS:300198, Cosmic:690746, Cosmic:724821, Cosmic:852774, Cosmic:869169, Cosmic:869298, Cosmic:871510, Cosmic:873392, Cosmic:873713, Cosmic:928138, Cosmic:932989, Cosmic:934550, Cosmic:945158, Cosmic:948062, Cosmic:979732, Cosmic:999850, Cosmic:1060080, Cosmic:1187331, Cosmic:1351511, Cosmic:1499246, Cosmic:1518227, Cosmic:1628386, Cosmic:2162525, Cosmic:2301556, Cosmic:2321029, Cosmic:2560244, Cosmic:2668285, Cosmic:2674233, Cosmic:2773180, DepMap:ACH-000739, DSMZ:ACC-180, DSMZCellDive:ACC-180, ECACC:85011430, EGA:EGAS00001000610, ENCODE:ENCBS002KIX, ENCODE:ENCBS005KKO, ENCODE:ENCBS005NKZ, ENCODE:ENCBS006INV, ENCODE:ENCBS009AVS, ENCODE:ENCBS011BYX, ENCODE:ENCBS011NDE, ENCODE:ENCBS012DTZ, ENCODE:ENCBS013LLU, ENCODE:ENCBS015PAC, ENCODE:ENCBS016WDR, ENCODE:ENCBS017VYZ, ENCODE:ENCBS018BAD, ENCODE:ENCBS018WXY, ENCODE:ENCBS019LAC, ENCODE:ENCBS019QTJ, ENCODE:ENCBS019XED, ENCODE:ENCBS020YDI, ENCODE:ENCBS021UTC, ENCODE:ENCBS023JBH, ENCODE:ENCBS024EHA, ENCODE:ENCBS025AAW, ENCODE:ENCBS030GWA, ENCODE:ENCBS030ZIT, ENCODE:ENCBS033QJG, ENCODE:ENCBS034ENA, ENCODE:ENCBS034PYO, ENCODE:ENCBS035IIS, ENCODE:ENCBS038OUO, ENCODE:ENCBS038ZQB, ENCODE:ENCBS039DPC, ENCODE:ENCBS039XPI, ENCODE:ENCBS040DES, ENCODE:ENCBS040EJF, ENCODE:ENCBS040QBA, ENCODE:ENCBS041GAW, ENCODE:ENCBS042JDA, ENCODE:ENCBS044VWV, ENCODE:ENCBS045GOD, ENCODE:ENCBS045OVM, ENCODE:ENCBS048XFP, ENCODE:ENCBS049KBY, ENCODE:ENCBS049QKG, ENCODE:ENCBS049RJI, ENCODE:ENCBS051IBT, ENCODE:ENCBS053QGR, ENCODE:ENCBS053TZY, ENCODE:ENCBS055KDL, ENCODE:ENCBS056VWP, ENCODE:ENCBS060DQW, ENCODE:ENCBS061GMD, ENCODE:ENCBS061GZI, ENCODE:ENCBS063CQL, ENCODE:ENCBS063KED, ENCODE:ENCBS065LQD, ENCODE:ENCBS066SAB, ENCODE:ENCBS066SXT, ENCODE:ENCBS067QSF, ENCODE:ENCBS068DNA, ENCODE:ENCBS070YKP, ENCODE:ENCBS072JEO, ENCODE:ENCBS074GMS, ENCODE:ENCBS074IZI, ENCODE:ENCBS074PUV, ENCODE:ENCBS074YUC, ENCODE:ENCBS075HYT, ENCODE:ENCBS076HTW, ENCODE:ENCBS077CZP, ENCODE:ENCBS077NMC, ENCODE:ENCBS085GSG, ENCODE:ENCBS085IZZ,

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ID: CVCL_0027

Record Creation Time: 20220427T220334+0000

Record Last Update: 20260815T233734+0000

Ratings and Alerts

No rating or validation information has been found for Hep-G2.

Warning: Problematic cell line: Misclassified. Originally thought to be a hepatocellular carcinoma cell line but shown to be from an hepatoblastoma (PubMed=19751877).

Registration: International Depositary Authority, American Type Culture Collection (ATCC); HB-8065.
Population: Caucasian., Part of: TCGA-110-CL cell line panel., Part of: MD Anderson Cell Lines Project., Part of: Liver Cancer Model Repository (LIMORE)., Part of: JFCR45 cancer cell line panel., Part of: Human Protein Atlas, Cell Atlas panel., Part of: ENCODE project common cell types; tier 1., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE)., Problematic cell line: Misclassified. Originally thought to be a hepatocellular carcinoma cell line but shown to be from an hepatoblastoma (PubMed=19751877).., Group: Patented cell line. Warning: Problematic

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Population: Caucasian., Part of: TCGA-110-CL cell line panel., Part of: MD Anderson Cell Lines Project., Part of: Liver Cancer Model Repository (LIMORE)., Part of: JFCR45 cancer cell line panel., Part of: Human Protein Atlas, Cell Atlas panel., Part of: ENCODE project common cell types; tier 1., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE)., Problematic cell line: Misclassified. Originally thought to be a hepatocellular carcinoma cell line but shown to be from an hepatoblastoma (PubMed=19751877).., Group: Patented cell line. Warning: Discontinued: RCB; RCB0459
Population: Caucasian., Part of: TCGA-110-CL cell line panel., Part of: MD Anderson Cell Lines Project., Part of: Liver Cancer Model Repository (LIMORE)., Part of: JFCR45 cancer cell line panel., Part of: Human Protein Atlas, Cell Atlas panel., Part of: ENCODE project common cell types; tier 1., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE)., Problematic cell line: Misclassified. Originally thought to be a hepatocellular carcinoma cell line but shown to be from an hepatoblastoma (PubMed=19751877).., Group: Patented cell line.

Data and Source Information

Source: Cellosaurus

Usage and Citation Metrics

We found 22515 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Feng L, et al. (2026) BRIGHT Enables High-SNR Live-Cell Imaging of Non-Repetitive Sequences via Bivalent Fluorescent Nanobody-Mediated Cascade-Dependent Illumination. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(2), e13014.

Li QH, et al. (2026) Guaianolide dimer KGA-1002 targets GRP94 and triggers unfolded protein response-associated degradation of SKP2/AKT axis as a novel antihepatoma agent. Journal of advanced research.

Teng F, et al. (2026) Efficient amyloid-?? degradation in Alzheimer's disease using SPYTACs. Cell, 189(7), 1923.

Ma Y, et al. (2026) Large-Scale Quantitative Morphometry of Platelet ??-Granules via SIM Super-Resolution Microscopy for Cancer Liquid Biopsy. Advanced science (Weinheim,

Baden-Wurttemberg, Germany), 13(34), e75094.

Li J, et al. (2026) Effects of Different Chemical Modifications on the Polysaccharide Structure, Antioxidant, and Whitening Activities of Lavandula angustifolia Mill. Chemistry & biodiversity, 23(4), e71183.

Wang JZ, et al. (2026) Activation of AMPK by Sophoricoside Suppresses Primary Liver Cancer Progression In Vitro and In Vivo. Journal of biochemical and molecular toxicology, 40(5), e70838.

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Jahnz H, et al. (2026) Development of a recombinant adeno-associated virus vector for human T lymphocyte- and natural killer cell-targeted gene therapy. bioRxiv : the preprint server for biology.

Zhang MS, et al. (2026) BCAT1-dependent HIF-1?? stabilization is a targetable metabolic vulnerability in hepatocellular carcinoma. Cell reports. Medicine, 7(5), 102784.

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Caceres A, et al. (2026) High glucose diet induces hepatic iron overload contributing to metabolic dysfunction. iScience, 29(1), 114441.

Essa AF, et al. (2026) Multitarget Antioxidant and Anticancer Potential of Euphorbia greenwayi Essential Oil: Phytochemical Profiling and Molecular Insights. Chemistry & biodiversity, 23(2), e01894.

Montoya T, et al. (2026) Alanine catabolism as a targetable vulnerability for MYC-driven liver cancer. Cell reports, 45(4), 117107.

Jia X, et al. (2026) NAD+ hydrolysis catalyzed by SelO is required for mitochondrial homeostasis. Cell, 189(9), 2633.

Hammami N, et al. (2026) Mediterranean Asteraceae as Natural Sources of Antioxidants and Enzyme Inhibitors: A Case Study on Urospermum dalechampii and Andryala integrifolia From Tunisia. Chemistry & biodiversity, 23(6), e71434.

Wang H, et al. (2026) A New Sulfated Cholestane From the Sea Urchin Mesocentrotus nudus With Cytotoxic Activity. Chemistry & biodiversity, 23(6), e71393.

Fu Q, et al. (2026) Identification of the regulatory elements and protein substrates of lysine acetoacetylation. eLife, 14.

Machado CS, et al. (2026) Tailoring lipid-polymer hybrid nanoparticles as smart nanocarriers for entacapone delivery for managing Parkinson's disease. Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie, 200, 119536.