

Resource Summary Report

Generated by [dkNET](#) on Sep 5, 2026

HC-04

RRID:CVCL_Z631

Type: Cell Line

Proper Citation

RRID:CVCL_Z631

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_Z631

Proper Citation: RRID:CVCL_Z631

Description: Cell line HC-04 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Hepatoblastoma

Defining Citation: [PMID:16687667](#), [PMID:17590308](#), [PMID:22990793](#), [PMID:24532842](#), [PMID:29370800](#), [PMID:30891005](#)

Comments: Population: Caucasian., Problematic cell line: Possibly contaminated. Indicated (PubMed=24532842) to have a near genetic identity with Hep-G2 cells. But they are functionally different from Hep-G2 cells since they support sporozoite invasion and liver stage exoerythrocytic development of Plasmodium falciparum and Plasmodium vivax. But STR profile from BEI Resources is identical to that of Hep-G2. Originally thought to originate from the spontaneous immortalization of a normal liver tissue of an hepatoma patient., Group: Patented cell line., Group: Malaria research cell line.

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: HC-04

Synonyms: HC04, HCO4

Cross References: ArrayExpress:E-MTAB-6919, BEI_Resources:MRA-975, cancercellines:CVCL_Z631, PRIDE:PXD008613, Wikidata:Q54881462

ID: CVCL_Z631

Hierarchy: cvcl_0027

Record Creation Time: 20220427T220316+0000

Record Last Update: 20260904T013917+0000

Ratings and Alerts

No rating or validation information has been found for HC-04.

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Registration: International Depository Authority, American Type Culture Collection (ATCC); PTA-3441.

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Discontinued: ATCC; PTA-3441

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Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [dkNET](#) .

Patitucci C, et al. (2023) Mtfp1 ablation enhances mitochondrial respiration and protects against hepatic steatosis. Nature communications, 14(1), 8474.