

Resource Summary Report

Generated by [RRID](#) on Aug 28, 2026

HCE-T

RRID:CVCL_1272

Type: Cell Line

Proper Citation

CLS Cat# 305255, RRID:CVCL_1272

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_1272

Proper Citation: CLS Cat# 305255, RRID:CVCL_1272

Description: Cell line HCE-T is a Transformed cell line with a species of origin Homo sapiens (Human)

Sex: Female

Defining Citation: [PMID:7534282](#), [PMID:20164919](#), [PMID:26900324](#), [PMID:28315467](#), [PMID:29787296](#), [PMID:31927639](#)

Comments: Population: Japanese., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE).

Category: Transformed cell line

Organism: Homo sapiens (Human)

Name: HCE-T

Synonyms: HCET, Human Corneal Epithelial cells-Transformed, HCE, SV40-HCEC

Cross References: BTO:BTO_0006396, CLO:CLO_0050405, CLO:CLO_0050406, ArrayExpress:E-MTAB-783, ArrayExpress:E-MTAB-3610, BCRJ:0349, BioSample:SAMN03472134, Cell_Model_Passport:SIDM00075, ChEMBL-Cells:ChEMBL3308200, ChEMBL-Targets:ChEMBL2366139, CLS:305255, Cosmic:907049, DepMap:ACH-002336, EGA:EGAS00001000978, FCS-free:4-2-4-2-4-3, FCS-free:4-2-6-1-4-3, GEO:GSE73060, GEO:GSM1669867, IARC_TP53:27695, LINCS_LDP:LCL-1047, Pharmacodb:HCET_516_2019, PubChem_Cell_line:CVCL_1272, RCB:RCB1384, RCB:RCB2280, Wikidata:Q54881856

ID: CVCL_1272

Vendor: CLS

Catalog Number: 305255

Record Creation Time: 20250423T100343+0000

Record Last Update: 20260816T002352+0000

Ratings and Alerts

No rating or validation information has been found for HCE-T.

Warning: Discontinued: BCRJ; 0349

Population: Japanese., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE). **Warning:** Discontinued: RCB; RCB1384

Population: Japanese., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE).

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 16 mentions in open access literature.

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

Wang S, et al. (2026) EGR Proteins Mediate Interferon-Independent Anti-HSV-1 Responses Through Viral and Host Targets. Advanced science (Weinheim, Baden-Wurttemberg, Germany), e15546.

Lin J, et al. (2026) Apigenin attenuates LPS-induced corneal inflammation by modulating NF- κ B and JNK/ERK signaling pathways. Experimental eye research, 266, 110900.

Anitua E, et al. (2026) Tailoring PRGF fibrin membranes: A simple approach to enhance structural and functional properties for wound healing. Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie, 201, 119677.

Chen K, et al. (2026) Growth factor receptor-bound protein 2-mediated corneal epithelial injury drives depression-associated dry eye disease. Biochemical pharmacology, 244, 117590.

Anitua E, et al. (2025) Stability of BTI Devices for Plasma Rich in Growth Factors (PRGF) Eye Drop Delivery Under Varying Storage and Handling Conditions. Biomedicines, 13(5).

Chen K, et al. (2025) Notoginsenoside R1 alleviates blue light-induced corneal injury and wound healing delay by binding to and inhibiting TRIB1. Phytomedicine : international journal of phytotherapy and phytopharmacology, 138, 156399.

Rimkus T, et al. (2025) In vitro evaluation of 4,4'-trimethylenedipyridinium and 4,4'-trimethylenedipiperidinium-based polycationic polymers against *Acanthamoeba hatchetti*. *Parasitology research*, 124(8), 94.

Yu Y, et al. (2025) Quercetin inhibits herpes simplex virus 1 replication in corneal epithelium and suppresses keratitis progression. *Virologica Sinica*, 40(4), 647.

Alcalde I, et al. (2025) In vitro model of reconstructed human corneal epithelium for the evaluation of ocular surface desiccation and protection with vitamin A enriched ophthalmic ointment. *Journal of pharmaceutical sciences*, 114(2), 1108.

Liu S, et al. (2025) Ubiquitin-editing enzyme A20 protects the inflammatory injury of human corneal epithelial cells against lipoteichoic acid. *Cellular signalling*, 134, 111962.

Yu Y, et al. (2023) A20 functions as a negative regulator of the lipopolysaccharide-induced inflammation in corneal epithelial cells. *Experimental eye research*, 228, 109392.

Anitua E, et al. (2023) Beneficial Effects of Plasma Rich in Growth Factors (PRGF) Versus Autologous Serum and Topical Insulin in Ocular Surface Cells. *Current eye research*, 48(5), 456.

Cai J, et al. (2022) High-risk neuroblastoma with NF1 loss of function is targetable using SHP2 inhibition. *Cell reports*, 40(4), 111095.

Abdalkader R, et al. (2022) An efficient simplified method for the generation of corneal epithelial cells from human pluripotent stem cells. *Human cell*, 35(4), 1016.

Koganti R, et al. (2022) Topical phenylbutyrate antagonizes NF- κ B signaling and resolves corneal inflammation. *iScience*, 25(12), 105682.

Benot-Dominguez R, et al. (2021) Olive leaf extract impairs mitochondria by pro-oxidant activity in MDA-MB-231 and OVCAR-3 cancer cells. *Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie*, 134, 111139.