

# Resource Summary Report

Generated by [dkNET](#) on Sep 4, 2026

## HCEC-12

RRID:CVCL\_2064

Type: Cell Line

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### Proper Citation

DSMZ Cat# ACC-646, RRID:CVCL\_2064

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### Cell Line Information

**URL:** [https://web.expasy.org/cellosaurus/CVCL\\_2064](https://web.expasy.org/cellosaurus/CVCL_2064)

**Proper Citation:** DSMZ Cat# ACC-646, RRID:CVCL\_2064

**Description:** Cell line HCEC-12 is a Transformed cell line with a species of origin Homo sapiens (Human)

**Sex:** Female

**Defining Citation:** [PMID:10794243](#), [PMID:18196893](#), [PMID:20974632](#)

**Category:** Transformed cell line

**Organism:** Homo sapiens (Human)

**Name:** HCEC-12

**Synonyms:** Human Corneal Endothelial Cells-12

**Cross References:** BioSample:SAMN03473460, DSMZ:ACC-646, DSMZCellDive:ACC-646, FCS-free:208-2-425-3-4-12, Wikidata:Q54881866

**ID:** CVCL\_2064

**Vendor:** DSMZ

**Catalog Number:** ACC-646

**Record Creation Time:** 20220427T220320+0000

**Record Last Update:** 20260904T013923+0000

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### Ratings and Alerts

No rating or validation information has been found for HCEC-12.

No alerts have been found for HCEC-12.

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## Data and Source Information

**Source:** [Cellosaurus](#)

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## Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Bilir EK, et al. (2026) In Vitro Ocular Cytotoxicity of BEE Venom in ARPE-19, NTM5, HCET, and HCEC-12 Cell Lines. Cell biochemistry and biophysics, 84(2), 2907.

Duffy GL, et al. (2021) 3D reactive inkjet printing of poly-?-lysine/gellan gum hydrogels for potential corneal constructs. Materials science & engineering. C, Materials for biological applications, 131, 112476.

Jiang D, et al. (2020) Bioenergetic Crosstalk between Mesenchymal Stem Cells and various Ocular Cells through the intercellular trafficking of Mitochondria. Theranostics, 10(16), 7260.

Kennedy S, et al. (2019) Poly-?-lysine based hydrogels as synthetic substrates for the expansion of corneal endothelial cells for transplantation. Journal of materials science. Materials in medicine, 30(9), 102.