

Resource Summary Report

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WA07

RRID:CVCL_9772

Type: Cell Line

Proper Citation

(WiCell Cat# wa07, RRID:CVCL_9772)

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_9772

Proper Citation: (WiCell Cat# wa07, RRID:CVCL_9772)

Sex: Female

Defining Citation: [PMID:9804556](#), [PMID:14745950](#), [PMID:15345125](#), [PMID:16388305](#), [PMID:16919167](#), [PMID:17287758](#), [PMID:17570852](#), [PMID:17572666](#), [PMID:21295703](#), [PMID:21983960](#), [PMID:22315618](#), [PMID:23117585](#), [PMID:23341440](#), [PMID:27293150](#), [PMID:27688775](#), [PMID:28445466](#), [PMID:30388422](#)

Comments: Donor information: Embryo is sibling to those giving rise to WA13 (Cellosaurus=CVCL_9774) and WA14 (Cellosaurus=CVCL_9775)., Anecdotal: WA01, WA07, WA09, WA13 and WA14 were the first human embryonic stem cells to be established., Omics: Transcriptome analysis by serial analysis of gene expression (SAGE)., Omics: Transcriptome analysis by RNAseq., Omics: Transcriptome analysis by microarray., Omics: SNP array analysis., Omics: DNA methylation analysis., Omics: Deep proteome analysis., Omics: Deep phosphoproteome analysis., Omics: Deep exome analysis., Omics: H3K9ac ChIP-seq epigenome analysis., Omics: H3K4me3 ChIP-seq epigenome analysis., Omics: H3K4me1 ChIP-seq epigenome analysis., Omics: H3K36me3 ChIP-seq epigenome analysis., Omics: H3K27me3 ChIP-seq epigenome analysis., Omics: CTCF ChIP-seq epigenome analysis., From: University of Wisconsin; Madison; USA., Part of: NHBLI Progenitor Cell Biology Consortium (PCBC) collection., Part of: ENCODE project common cell types; tier 3.

Category: Embryonic stem cell

Name: WA07

Synonyms: WA 07, WA-07, WA7, H7, H7 GE07, H7-hESC, ES-WA7, WAe002-A, WICELLE002-A, WAe007-A, WA07-PCBC, PCBC02hse2014030501, SC14-066

Cross References: BTO:BTO_0006061, EFO:EFO_0005904, BioSample:SAMN03471896, ENCODE:ENCBS017AOD, ENCODE:ENCBS052WSJ, ENCODE:ENCBS058YII, ENCODE:ENCBS068KXI, ENCODE:ENCBS291AAA, ENCODE:ENCBS292AAA, ENCODE:ENCBS293AAA, ENCODE:ENCBS297CQV, ENCODE:ENCBS311AAZ, ENCODE:ENCBS336AYE, ENCODE:ENCBS465FZV, ENCODE:ENCBS559YVY, ENCODE:ENCBS611ORI, ENCODE:ENCBS624XJG, ENCODE:ENCBS721YNV, ENCODE:ENCBS851RDN, ENCODE:ENCBS884CKU, ENCODE:ENCBS920PVU, ENCODE:ENCBS962QAF, GEO:GSM347922, GEO:GSM383877, GEO:GSM384099, GEO:GSM499755, GEO:GSM499756, GEO:GSM500935, GEO:GSM510581, GEO:GSM537623, GEO:GSM537639, GEO:GSM537640, GEO:GSM537641, GEO:GSM537657, GEO:GSM580005, GEO:GSM621347, GEO:GSM621353, GEO:GSM637776, GEO:GSM669896, GEO:GSM669926, GEO:GSM736610, GEO:GSM736638, GEO:GSM856730, GEO:GSM862732, GEO:GSM945183, GEO:GSM945184, GEO:GSM945185, GEO:GSM945186, GEO:GSM981283, GEO:GSM1008596, GEO:GSM1022649, GEO:GSM1022656, GEO:GSM1022660, GEO:GSM1022670, GEO:GSM1084991, GEO:GSM1085014, GEO:GSM1215275, GEO:GSM1215276, GEO:GSM1589801, GEO:GSM1589813, GEO:GSM1589933, GEO:GSM1589945, hPSCreg:WAe007-A, IGRhCellID:H7%20p91, NIHhESC:NIHhESC-10-0061, SKIP:SKIP001934, WiCell:wa07, WiCell:wa07-pcbc, Wikidata:Q54993513

ID: CVCL_9772

Vendor: WiCell

Catalog Number: wa07

Record Creation Time: 20250131T203102+0000

Record Last Update: 20250131T205131+0000

Ratings and Alerts

No rating or validation information has been found for WA07.

No alerts have been found for WA07.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 13 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](https://www.fdi-lab.com/sci-crunch).

Moss KR, et al. (2024) hESC- and hiPSC-derived Schwann cells are molecularly comparable and functionally equivalent. *iScience*, 27(6), 109855.

Guo X, et al. (2024) CRISPR/Cas9-mediated generation of AP-1 activity reporter cell line in human embryonic stem cell (WAE007-A-5). *Stem cell research*, 81, 103557.

Stavish D, et al. (2024) Feeder-free culture of human pluripotent stem cells drives MDM4-mediated gain of chromosome 1q. *Stem cell reports*, 19(8), 1217.

De La Fuente DC, et al. (2024) Impaired oxysterol-liver X receptor signaling underlies aberrant cortical neurogenesis in a stem cell model of neurodevelopmental disorder. *Cell reports*, 43(3), 113946.

Tristan CA, et al. (2023) Efficient and safe single-cell cloning of human pluripotent stem cells using the CEPT cocktail. *Nature protocols*, 18(1), 58.

Huang KC, et al. (2023) Autophagy disruption reduces mTORC1 activation leading to retinal ganglion cell neurodegeneration associated with glaucoma. *bioRxiv : the preprint server for biology*.

Allan KC, et al. (2021) Non-canonical Targets of HIF1a Impair Oligodendrocyte Progenitor Cell Function. *Cell stem cell*, 28(2), 257.

Price CJ, et al. (2021) Genetically variant human pluripotent stem cells selectively eliminate wild-type counterparts through YAP-mediated cell competition. *Developmental cell*, 56(17), 2455.

Sridhar A, et al. (2020) Single-Cell Transcriptomic Comparison of Human Fetal Retina, hPSC-Derived Retinal Organoids, and Long-Term Retinal Cultures. *Cell reports*, 30(5), 1644.

Atmanli A, et al. (2019) Multiplex live single-cell transcriptional analysis demarcates cellular functional heterogeneity. *eLife*, 8.

Colunga T, et al. (2019) Human Pluripotent Stem Cell-Derived Multipotent Vascular Progenitors of the Mesothelium Lineage Have Utility in Tissue Engineering and Repair. *Cell reports*, 26(10), 2566.

Bogacheva MS, et al. (2018) Differences in definitive endoderm induction approaches using growth factors and small molecules. *Journal of cellular physiology*, 233(4), 3578.

Pashos EE, et al. (2017) Large, Diverse Population Cohorts of hiPSCs and Derived Hepatocyte-like Cells Reveal Functional Genetic Variation at Blood Lipid-Associated Loci. *Cell stem cell*, 20(4), 558.