

Resource Summary Report

Generated by [NIF](#) on Aug 12, 2026

EA.hy 926

RRID:CVCL_3901

Type: Cell Line

Proper Citation

RRID:CVCL_3901

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_3901

Proper Citation: RRID:CVCL_3901

Description: Cell line EA.hy 926 is a Hybrid cell line with a species of origin Homo sapiens (Human)

Defining Citation: [PMID:3130908](#), [PMID:6407019](#), [PMID:7791520](#), [PMID:12453433](#), [PMID:16575254](#), [PMID:26345505](#), [PMID:28199884](#), [PMID:30108515](#), [PMID:30977987](#)

Comments: Anecdotal: Have been flown in space on Shijian-10 and on the ISS in 2016 to study growth and secretion in microgravity (PubMed=28199884; PubMed=30108515; PubMed=30977987)., Characteristics: Produced by the fusion of A549/8 with human umbilical vein endothelial cells., Group: Space-flown cell line (cellonaut).

Category: Hybrid cell line

Organism: Homo sapiens (Human)

Name: EA.hy 926

Synonyms: EA. hy 926, EA hy 926, EA-hy926, EAhy 926, EAHY-926, EA.Hy926, EA.hy926, EAhy926, EaHy926, Eahy926

Cross References: BTO:BTO_0000396, EFO:EFO_0003039, ABM:T0735, ATCC:CRL-2922, BCRJ:0345, BioSample:SAMN03471700, CCRID:1101HUM-PUMC000475, CCRID:3101HUMGNHu39, Cell_Model_Passport:SIDM01986, ChEMBL-Cells:ChEMBL4295452, ChEMBL-Targets:ChEMBL4296410, CLS:305034, GEO:GSM46371, GEO:GSM46380, GEO:GSM46382, GEO:GSM46383, GEO:GSM46384, GEO:GSM46385, GEO:GSM46392, GEO:GSM46393, KCB:KCB 2014048YJ, Lonza:685, NCBI_Iran:C641, PubChem_Cell_line:CVCL_3901, Ubigene:YC-C032, Wikidata:Q54831722

ID: CVCL_3901

Hierarchy: cvcl_iy87

Record Creation Time: 20220427T215826+0000

Record Last Update: 20260808T235756+0000

Ratings and Alerts

No rating or validation information has been found for EA.hy 926.

No alerts have been found for EA.hy 926.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 852 mentions in open access literature.

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

Chakraborty S, et al. (2026) Histone H4K5 deacetylation by enhanced HDAC1 expression drives endothelial inflammation in diabetes through repression of the KLF2-eNOS axis. Human cell, 39(6).

Li M, et al. (2026) DNA Nanoflower LYTACs Enable Efficient VEGF Degradation and Verteporfin Loading for Combined Therapy of Wet Age-Related Macular Degeneration. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(16), e15852.

Lv Y, et al. (2026) Quercetin alleviates postmenopausal atherosclerosis by suppressing endothelial cell ferroptosis via regulating the KEAP1/NRF2/GPX4 signalling pathway. British journal of pharmacology, 183(3), 620.

Liu L, et al. (2026) Rickettsia parkeri subverts nicotinamide adenine dinucleotide (NAD+) metabolic pathway for its survival in endothelial cells. The FEBS journal, 293(10), 3026.

Lin C, et al. (2026) Pathology-tailored nanotherapy via Galectin-3-targeted and triple-responsive nanoparticles enables multimodal therapy against aortic dissection. Journal of nanobiotechnology, 24(1), 41.

Rouse KC, et al. (2026) The role of 3-mercaptopyruvate sulfurtransferase in colorectal cancer progression and tumor angiogenesis. Free radical biology & medicine, 252, 249.

Liu Z, et al. (2026) HMGB-1 Mediates The Exacerbation of Anaphylactic Shock Under Hyperlipidemic Conditions. Journal of cellular physiology, 241(2), e70154.

Winkler MS, et al. (2026) The potential effect of albumin replacement on immune modulation and sphingosine??1-phosphate dynamics. *Scientific reports*, 16(1), 5412.

Yu S, et al. (2026) Tumor-Derived Exosomal TAGLN2 Promotes Metastasis by Inducing Vascular Permeability and Angiogenesis via the NRP1/SEMA4D/YAP Axis. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 13(29), e21962.

Wang L, et al. (2026) A Tissue-Homologous Keratin-PBA Hydrogel Integrating Rationally Designed Nanomicelles Enables Microenvironment-Adaptive Repair of Chronic Diabetic Wounds. *Small* (Weinheim an der Bergstrasse, Germany), e74439.

Oflaz FE, et al. (2025) Annexin A5 controls VDAC1-dependent mitochondrial Ca²⁺ homeostasis and determines cellular susceptibility to apoptosis. *The EMBO journal*, 44(12), 3413.

Zhang L, et al. (2025) Novel mechanisms of metformin-induced vasorelaxation of mesenteric arterioles via endothelium-dependent hyperpolarization to treat murine colitis. *European journal of pharmacology*, 1003, 177900.

Budzinska A, et al. (2025) Adaptation of mitochondrial bioenergetics to coenzyme Q deficiency in human endothelial cells after chronic exposure to bisphosphonates. *Scientific reports*, 15(1), 17734.

Paulsen K, et al. (2025) KSHV miRNAs target STING to evade innate immunity and facilitate KSHV lytic reactivation from latency. *Cell reports*, 44(6), 115741.

Hannemann J, et al. (2025) Selection of Reference Genes for Normalization of Gene Expression After Exposure of Human Endothelial and Epithelial Cells to Hypoxia. *International journal of molecular sciences*, 26(4).

Manjunathan R, et al. (2025) Human recombinant leptin-induced nitric oxide release from endothelium depends on the membrane localization pattern of endothelial nitric oxide synthase. *Tissue & cell*, 97, 103083.

Fu Y, et al. (2025) Rational engineering of an antifreeze-based biomaterial with dual-enhanced ice-binding and delivery for high-efficiency cryopreservation. *Journal of advanced research*.

Tsai JY, et al. (2025) 7,4'-dimethoxy-3-hydroxyflavone, a protease-activated receptor 4 (PAR4) inhibitor with antioxidant activity, ameliorates diabetic endothelial dysfunction. *British journal of pharmacology*, 182(19), 4592.

Gao S, et al. (2024) Anti-HMGB1 mAb Therapy Reduces Epidural Hematoma Injury. *International journal of molecular sciences*, 25(11).

Barakat S, et al. (2024) Bioenergetic shift and proteomic signature induced by lentiviral-transduction of GFP-based biosensors. *Redox biology*, 78, 103416.