

Resource Summary Report

Generated by [dkNET](#) on Sep 3, 2026

MeT-5A

RRID:CVCL_3749

Type: Cell Line

Proper Citation

ATCC Cat# CRL-9444, RRID:CVCL_3749

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_3749

Proper Citation: ATCC Cat# CRL-9444, RRID:CVCL_3749

Description: Cell line MeT-5A is a Transformed cell line with a species of origin Homo sapiens (Human)

Sex: Male

Defining Citation: [PMID:2541616](#), [PMID:9533946](#), [PMID:15920167](#), [PMID:17331233](#), [PMID:21356356](#), [PMID:21454801](#), [PMID:22576795](#), [PMID:24926545](#), [PMID:26011428](#), [PMID:28553954](#), [PMID:33567673](#), [PMID:34663305](#)

Comments: Group: Patented cell line.

Category: Transformed cell line

Organism: Homo sapiens (Human)

Name: MeT-5A

Synonyms: MeT 5A, MeT5A, Met5A, MET5A, Mesothelial cells transfected with pRSV-T 5A

Cross References: CLO:CLO_0007680, EFO:EFO_0001218, ATCC:CRL-9444, BCRC:60352, BioSample:SAMN03471216, CLS:305269, GEO:GSM49613, GEO:GSM139667, GEO:GSM139668, GEO:GSM139669, GEO:GSM139760, GEO:GSM139761, GEO:GSM433109, GEO:GSM433127, GEO:GSM433145, GEO:GSM3684948, IZSLER:BS CL 214, PRIDE:PXD033058, Wikidata:Q54905322

ID: CVCL_3749

Vendor: ATCC

Catalog Number: CRL-9444

Record Creation Time: 20220427T220804+0000

Record Last Update: 20260829T234620+0000

Ratings and Alerts

No rating or validation information has been found for MeT-5A.

No alerts have been found for MeT-5A.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 187 mentions in open access literature.

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

Peisert K, et al. (2026) Engineering human peritoneum in vitro: A novel microfluidic platform for modeling peritoneal physiology and pathophysiology. *Bioengineering & translational medicine*, 11(4), e70128.

Li N, et al. (2026) Sprayable asymmetric hydrogel prevents postoperative pleural adhesions via physical and biological dual therapy. *Materials today. Bio*, 38, 103297.

Hosking MP, et al. (2025) Preferential tumor targeting of HER2 by iPSC-derived CAR T cells engineered to overcome multiple barriers to solid tumor efficacy. *Cell stem cell*, 32(7), 1087.

Ma J, et al. (2025) P-cadherin mechanoactivates tumor-mesothelium metabolic coupling to promote ovarian cancer metastasis. *Cell reports*, 44(1), 115096.

Seenan V, et al. (2024) Ovulation provides excessive coagulation and hepatocyte growth factor signals to cause postoperative intraabdominal adhesions. *iScience*, 27(6), 109788.

Hirai S, et al. (2024) Effects of Combined Therapeutic Targeting of AXL and ATR on Pleural Mesothelioma Cells. *Molecular cancer therapeutics*, 23(2), 212.

Bisceglia L, et al. (2024) BAG2, MAD2L1, and MDK are cancer-driver genes and candidate targets for novel therapies in malignant pleural mesothelioma. *Cancer gene therapy*, 31(11), 1708.

Liu K, et al. (2024) Thymosin α 1 reverses oncolytic adenovirus-induced M2 polarization of macrophages to improve antitumor immunity and therapeutic efficacy. *Cell reports. Medicine*, 5(10), 101751.

- Cho SK, et al. (2023) Macrophages Promote Ovarian Cancer-Mesothelial Cell Adhesion by Upregulation of ITGA2 and VEGFC in Mesothelial Cells. *Cells*, 12(3).
- Chen WL, et al. (2023) Toll-like Receptor 2 Mediates VEGF Overexpression and Mesothelial Hyperpermeability in Tuberculous Pleural Effusion. *International journal of molecular sciences*, 24(3).
- Luan Y, et al. (2023) A Microfluidic System for Detecting Tumor Cells Based on Biomarker Hexaminolevullinate (HAL): Applications in Pleural Effusion. *Micromachines*, 14(4).
- Ormsby TJR, et al. (2023) Glucocorticoids increase tissue cell protection against pore-forming toxins from pathogenic bacteria. *Communications biology*, 6(1), 186.
- Sforzi J, et al. (2023) A novel pH sensitive theranostic PLGA nanoparticle for boron neutron capture therapy in mesothelioma treatment. *Scientific reports*, 13(1), 620.
- Antoniou AI, et al. (2023) 2-Hydroxyoleic Acid as a Self-Assembly Inducer for Anti-Cancer Drug-Centered Nanoparticles. *Pharmaceuticals (Basel, Switzerland)*, 16(5).
- Cho MK, et al. (2023) Frankincense ameliorates endometriosis via inducing apoptosis and reducing adhesion. *Integrative medicine research*, 12(2), 100947.
- Lu X, et al. (2023) Therapeutic mechanism of baicalein in peritoneal dialysis-associated peritoneal fibrosis based on network pharmacology and experimental validation. *Frontiers in pharmacology*, 14, 1153503.
- Nieddu V, et al. (2023) Matrix Gla Protein drives stemness and tumor initiation in ovarian cancer. *Cell death & disease*, 14(3), 220.
- Huang Q, et al. (2023) Extracellular vesicle-packaged ILK from mesothelial cells promotes fibroblast activation in peritoneal fibrosis. *Journal of extracellular vesicles*, 12(7), e12334.
- Chauvin M, et al. (2023) Cancer-associated mesothelial cells are regulated by the anti-inflammatory hormone axis. *Cell reports*, 42(7), 112730.
- Johnson B, et al. (2022) Exploring MicroRNA and Exosome Involvement in Malignant Pleural Mesothelioma Drug Response. *Cancers*, 14(19).