Resource Summary Report

Generated by dkNET on Sep 15, 2026

KPL-1

RRID:CVCL_2094
Type: Cell Line

Proper Citation

RRID:CVCL_2094

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_2094

Proper Citation: RRID:CVCL_2094

Description: Cell line KPL-1 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Female

Disease: Invasive breast carcinoma of no special type

Defining Citation: PMID:7710953, PMID:10969801, PMID:15677628, PMID:15767549, PMID:16142302, PMID:18304946, PMID:20143388, PMID:20215515, PMID:22460905, PMID:22585861, PMID:25485619, PMID:26589293, PMID:28889351, PMID:30894373, PMID:31068700, PMID:31978347

Comments: Population: Caucasian., Part of: JFCR45 cancer cell line panel., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE)., Problematic cell line: Contaminated. Shown to be a MCF-7 derivative (PubMed=18304946; PubMed=20143388)..

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: KPL-1

Synonyms: KPL.1, KPL1

Cross References: CLO:CLO_0007118, EFO:EFO_0002221, ArrayExpress:E-MTAB-38, ArrayExpress:E-MTAB-2706, ArrayExpress:E-MTAB-2770, BioGRID_ORCS_Cell_line:612, BioSample:SAMN03151840, BioSample:SAMN03473349, BioSample:SAMN10987693, cancercelllines:CVCL_2094, Cell_Model_Passport:SIDM00147, Cosmic:2165023, Cosmic:2750517, DepMap:ACH-

000028, DSMZ:ACC-317, DSMZCellDive:ACC-317, EGA:EGAS00001000610, GEO:GSM217583, GEO:GSM274642, GEO:GSM274643, GEO:GSM344368, GEO:GSM344418, GEO:GSM459707, GEO:GSM459720, GEO:GSM459721, GEO:GSM783974, GEO:GSM887238, GEO:GSM888312, GEO:GSM1374603, IARC_TP53:21443, IGRhCellID:KPL1, LiGeA:CCLE_342, LINCS_LDP:LCL-1483, NCBI_Iran:C643, PharmacoDB:KPL1_790_2019, Progenetix:CVCL_2094, SLKBase:3568, Wikidata:Q54900436

ID: CVCL_2094

Hierarchy: cvcl_0031

Record Creation Time: 20220427T220708+0000

Record Last Update: 20260913T004706+0000

Ratings and Alerts

No rating or validation information has been found for KPL-1.

Warning: Problematic cell line: Contaminated. Shown to be a MCF-7 derivative (PubMed=18304946; PubMed=20143388).

Registration: International Cell Line Authentication Committee, Register of Misidentified Cell Lines; ICLAC-00325.
Population: Caucasian., Part of: JFCR45 cancer cell line panel., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE)., Problematic cell line: Contaminated. Shown to be a MCF-7 derivative (PubMed=18304946; PubMed=20143388)..

Data and Source Information

Source: Cellosaurus

Usage and Citation Metrics

We found 6 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Satpathy S, et al. (2025) Integrative analysis of lung adenocarcinoma across diverse ethnicities and exposures. Cancer cell, 43(9), 1731.

Bartkowiak K, et al. (2025) Discovery of a sushi domain-containing protein 2-positive phenotype in circulating tumor cells of metastatic breast cancer patients. Scientific reports, 15(1), 3913.

Boettcher L, et al. (2025) Retinoic acid-induced 2 deficiency impairs genomic stability in breast cancer. Breast cancer research : BCR, 27(1), 137.

Goradia N, et al. (2024) Master corepressor inactivation through multivalent SLiM-induced polymerization mediated by the oncogene suppressor RAI2. Nature communications, 15(1), 5241.

Tognetti M, et al. (2021) Deciphering the signaling network of breast cancer improves drug sensitivity prediction. Cell systems, 12(5), 401.

Koundouros N, et al. (2020) Metabolic Fingerprinting Links Oncogenic PIK3CA with Enhanced Arachidonic Acid-Derived Eicosanoids. Cell, 181(7), 1596.