

Resource Summary Report

Generated by [NIF](#) on Sep 11, 2026

KCL-22

RRID:CVCL_2091

Type: Cell Line

Proper Citation

RRID:CVCL_2091

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_2091

Proper Citation: RRID:CVCL_2091

Description: Cell line KCL-22 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Female

Disease: Chronic myelogenous leukemia, BCR-ABL1 positive

Defining Citation: [PMID:3332852](#), [PMID:6321612](#), [PMID:6576961](#), [PMID:9510473](#), [PMID:10071072](#), [PMID:10576511](#), [PMID:17549412](#), [PMID:20417730](#), [PMID:22460905](#), [PMID:23754495](#), [PMID:26589293](#), [PMID:27397505](#), [PMID:30285677](#), [PMID:30629668](#), [PMID:30894373](#), [PMID:31068700](#), [PMID:31160637](#), [PMID:35839778](#)

Comments: Population: Japanese., Part of: LL-100 blood cancer cell line panel., Part of: COSMIC cell lines project., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE).

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: KCL-22

Synonyms: KCL22, Kcl22, KCL22S, KCL22-S, KCL22-s

Cross References: BTO:BTO_0004137, CLO:CLO_0009841, EFO:EFO_0022565, ArrayExpress:E-MTAB-2770, ArrayExpress:E-MTAB-3610, ArrayExpress:E-MTAB-7721, ArrayExpress:E-MTAB-7722, ATCC:CRL-3349, BioSample:SAMN03472399, BioSample:SAMN03473517, BioSample:SAMN10988558, cancercellines:CVCL_2091, Cell_Model_Passport:SIDM01004, ChEMBL-Cells:ChEMBL4295403, ChEMBL-Targets:ChEMBL4296452, Cosmic:919142, Cosmic:924053, Cosmic:1019832,

Cosmic:1026566, Cosmic:1070700, Cosmic:1078720, Cosmic:1176585, Cosmic:1436596, Cosmic:1498417, Cosmic:2009517, Cosmic-CLP:1330931, DepMap:ACH-000983, DSMZ:ACC-519, DSMZCellDive:ACC-519, EGA:EGAS00001000978, FANTOM5_SSTAR:10801-110I9, GDSC:1330931, GEO:GSM887202, GEO:GSM888275, GEO:GSM1669981, IARC_TP53:2223, JCRB:JCRB1317, JCRB:NIHS0534, LiGeA:CCLE_363, LINCS_LDP:LCL-1105, NCBI_Iran:C574, PharmacDB:KCL22_739_2019, PRIDE:PXD000030, PRIDE:PXD030304, Progenetix:CVCL_2091, PubChem_Cell_line:CVCL_2091, Wikidata:Q54899647

ID: CVCL_2091

Record Creation Time: 20220427T220659+0000

Record Last Update: 20260905T180931+0000

Ratings and Alerts

No rating or validation information has been found for KCL-22.

Warning: Discontinued: JCRB; NIHS0534

Population: Japanese., Part of: LL-100 blood cancer cell line panel., Part of: COSMIC cell lines project., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE).

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Ng HL, et al. (2026) BCR::ABL1-Induced Enhancer Reprogramming Uncovers Hypersensitivity of Ph+B-ALL Cells to Enhancer-Targeting Drugs. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(25), e17231.

Mancini C, et al. (2025) BCR::ABL1 expression in chronic myeloid leukemia cells in low oxygen is regulated by glutamine via CD36-mediated fatty acid uptake. Cancer cell international, 25(1), 176.

Okano F, et al. (2023) Identification of Membrane-expressed CAPRIN-1 as a Novel and Universal Cancer Target, and Generation of a Therapeutic Anti-CAPRIN-1 Antibody TRK-950. Cancer research communications, 3(4), 640.