

Resource Summary Report

Generated by [dkNET](#) on Aug 22, 2026

MDCKII-LE

RRID:CVCL_VR40

Type: Cell Line

Proper Citation

RRID:CVCL_VR40

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_VR40

Proper Citation: RRID:CVCL_VR40

Description: Cell line MDCKII-LE is a Spontaneously immortalized cell line with a species of origin *Canis lupus familiaris* (Dog)

Sex: Female

Defining Citation: [PMID:21766308](#)

Comments: Characteristics: Compared to the parent cell line, has a lower expression of endogenous ABCB1/MDR1.

Category: Spontaneously immortalized cell line

Organism: *Canis lupus familiaris* (Dog)

Name: MDCKII-LE

Synonyms: MDCKII-Low Efflux, RRCK, Ralph Russ Canine Kidney

Cross References: ChEMBL-Cells:CHEMBL4295481, ChEMBL-Targets:CHEMBL4296468, PubChem_Cell_line:CVCL_VR40, Wikidata:Q95987829

ID: CVCL_VR40

Hierarchy: cvcl_0424

Record Creation Time: 20220427T220758+0000

Record Last Update: 20260815T234604+0000

Ratings and Alerts

No rating or validation information has been found for MDCKII-LE.

No alerts have been found for MDCKII-LE.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.