

Resource Summary Report

Generated by [NIF](#) on Sep 16, 2026

RERF-LC-OK

RRID:CVCL_3154

Type: Cell Line

Proper Citation

RRID:CVCL_3154

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_3154

Proper Citation: RRID:CVCL_3154

Description: Cell line RERF-LC-OK is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Female

Disease: Astrocytoma

Defining Citation: [PMID:7834619](#), [PMID:9290701](#), [PMID:10536175](#), [PMID:11005564](#), [PMID:14581340](#), [PMID:15185009](#), [PMID:15746151](#), [PMID:16105816](#), [PMID:19472407](#), [PMID:20143388](#), [PMID:20557307](#), [PMID:25485619](#), [PMID:25877200](#), [PMID:26589293](#)

Comments: Population: Caucasian., Problematic cell line: Contaminated. Shown to be a Marcus derivative (PubMed=20143388). Originally thought to originate from a lung adenocarcinoma..

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: RERF-LC-OK

Synonyms: RERF-LCOK, RERFLCOK, LC-OK, LCOK, Radiation Effects Research Foundation-Lung Cancer-OK

Cross References: EFO:EFO_0006744, ArrayExpress:E-MTAB-2706, BioSample:SAMN03151836, BioSample:SAMN03471743, cancercellines:CVCL_3154, Cell_Model_Passport:SIDM00385, CGH-DB:207-1, CGH-DB:9167-4, Cosmic:753609, Cosmic:801580, Cosmic:876139, Cosmic:889096, Cosmic:917974, Cosmic:932927, Cosmic:934469, Cosmic:946065, Cosmic:1066168, Cosmic:1219088, Cosmic:1239899, Cosmic:1571720, Cosmic:2125286, Cosmic:2668321, EGA:EGAS00001000610,

GEO:GSM274667, IARC_TP53:11873, IARC_TP53:28443, JCRB:JCRB0811, Pharmacodb:RERFLCOK_1307_2019, Wikidata:Q54949775

ID: CVCL_3154

Hierarchy: cvcl_3019

Record Creation Time: 20220427T221456+0000

Record Last Update: 20260913T005854+0000

Ratings and Alerts

No rating or validation information has been found for RERF-LC-OK.

Warning: Problematic cell line: Contaminated. Shown to be a Marcus derivative (PubMed=20143388). Originally thought to originate from a lung adenocarcinoma.

Registration: International Cell Line Authentication Committee, Register of Misidentified Cell Lines; ICLAC-00344.

Population: Caucasian., Problematic cell line: Contaminated. Shown to be a Marcus derivative (PubMed=20143388). Originally thought to originate from a lung adenocarcinoma.. **Warning:** Discontinued: JCRB; JCRB0811

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Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.