

Resource Summary Report

Generated by [dkNET](#) on Aug 31, 2026

MCF-7-2a

RRID:CVCL_4Y54

Type: Cell Line

Proper Citation

RRID:CVCL_4Y54

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_4Y54

Proper Citation: RRID:CVCL_4Y54

Description: Cell line MCF-7-2a 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:8138561](#), [PMID:8903422](#)

Comments: Caution: There is confusion in the literature between estrogen-independent MCF-7:2A (Cellosaurus=CVCL_4Y53), L-mimosine-resistant MCF-7/2a (Cellosaurus=CVCL_0412) and EREwtcluc transfected MCF-7-2a (Cellosaurus=CVCL_4Y54)., Population: Caucasian.

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: MCF-7-2a

Synonyms: MCF-7/2a, MCF7-2A, MCF7-2a, MCF-7.2A

Cross References: cancercellines:CVCL_4Y54, ChEMBL-Cells:ChEMBL3307366, ChEMBL-Targets:ChEMBL614323, PubChem_Cell_line:CVCL_4Y54, Wikidata:Q54904328

ID: CVCL_4Y54

Hierarchy: cvcl_0031

Record Creation Time: 20220427T220751+0000

Record Last Update: 20260829T234553+0000

Ratings and Alerts

No rating or validation information has been found for MCF-7-2a.

No alerts have been found for MCF-7-2a.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.