

Resource Summary Report

Generated by [NIF](#) on Sep 9, 2026

Caco-2/TC-7

RRID:CVCL_0233

Type: Cell Line

Proper Citation

RRID:CVCL_0233

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0233

Proper Citation: RRID:CVCL_0233

Description: Cell line Caco-2/TC-7 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Colon adenocarcinoma

Defining Citation: [PMID:8175910](#), [PMID:14599474](#), [PMID:15868485](#)

Comments: Population: Caucasian.

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: Caco-2/TC-7

Synonyms: Caco-2/TC7, Caco2/TC7, TC-7, TC7

Cross References: BTO:BTO_0002571, EFO:EFO_0002817, MCCL:MCC:0000122, cancercellines:CVCL_0233, ChEMBL-Cells:ChEMBL4483155, ChEMBL-Targets:ChEMBL4483233, ColonAtlas:TC7, Lonza:1105, Millipore:SCC209, PubChem_Cell_line:CVCL_0233, Wikidata:Q54808328

ID: CVCL_0233

Hierarchy: cvcl_0025

Record Creation Time: 20220427T215437+0000

Record Last Update: 20260905T174509+0000

Ratings and Alerts

No rating or validation information has been found for Caco-2/TC-7.

No alerts have been found for Caco-2/TC-7.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Hewawansa UHAJ, et al. (2026) Impact of Acute (Poly)Phenol-Rich Sugarcane Extract Consumption on Postprandial Glycemic Response in Healthy Adults: A Randomized Crossover Study. *Foods* (Basel, Switzerland), 15(4).

Madi N, et al. (2025) In Vitro and In Silico Assessment of the Probiotic and Technological Potential of *Lactocaseibacillus rhamnosus* MW019593 Isolated from Algerian Cow's Milk. *Probiotics and antimicrobial proteins*.

Farazi M, et al. (2025) Inhibition of human maltase-glucoamylase, sucrase-isomaltase and α -amylases by gallotannins and ellagitannins. *International journal of biological macromolecules*, 314, 144204.

Lignet F, et al. (2023) Preclinical Pharmacokinetics and Translational Pharmacokinetic/Pharmacodynamic Modeling of M8891, a Potent and Reversible Inhibitor of Methionine Aminopeptidase 2. *Pharmaceutical research*, 40(12), 3011.

Barber E, et al. (2022) Measuring key human carbohydrate digestive enzyme activities using high-performance anion-exchange chromatography with pulsed amperometric detection. *Nature protocols*, 17(12), 2882.

Rey C, et al. (2020) Transcytosis subversion by M cell-to-enterocyte spread promotes *Shigella flexneri* and *Listeria monocytogenes* intracellular bacterial dissemination. *PLoS pathogens*, 16(4), e1008446.

Dye FS, et al. (2019) Characterisation of proguanylin expressing cells in the intestine - evidence for constitutive luminal secretion. *Scientific reports*, 9(1), 15574.

Hays C, et al. (2019) Perinatal hormones favor CC17 group B *Streptococcus* intestinal translocation through M cells and hypervirulence in neonates. *eLife*, 8.

Roussel G, et al. (2017) The effect of amino acid deprivation on the transfer of iron through Caco-2 cell monolayers. *Journal of trace elements in medicine and biology : organ of the Society for Minerals and Trace Elements (GMS)*, 40, 82.