



Cell line:	CACO-2
DSMZ no.:	ACC 169
Species:	human (<i>Homo sapiens</i>)
Cell type:	colon adenocarcinoma
Origin:	established from the primary colon tumor (adenocarcinoma) of a 72-year-old Caucasian man in 1974
Reference(s):	14368 , 14538 , 14903
Biosafety level:	1
Permissions and restrictions:	A
DSMZ Cell Culture Data:	
Morphology:	epithelial adherent cells; after splitting cells start to grow in colonies; image ; image
Medium:	80% MEM (with Earle's salts) + 20% h.i. FBS + 1x non-essential amino acids
Subculture:	cells grow slowly; split confluent culture 1:3 to 1:6 every 5-7 days using trypsin/EDTA or, if necessary, a cell scraper; after thawing cells might start slowly to take up growth; seed out at ca. 1×10^6 cells/80 cm ² in 10 ml medium; to avoid prolonged trypsinization time (>10 min) and decreased viability, split the culture before complete confluency
Incubation:	at 37 °C with 5% CO ₂
Doubling time:	ca. 80 hours
Harvest:	about $5-8 \times 10^6$ cells/80 cm ²
Storage:	frozen with 70% medium, 20% FBS, 10% DMSO
DSMZ Scientific Data:	
Mycoplasma:	contamination was eliminated with BM-Cyclin (tiamulin & minocycline), then negative in microbiological culture, RNA hybridization, PCR assay
Immunology:	cytokeratin +, cytokeratin-7 -, cytokeratin-8 +, cytokeratin-17 -, cytokeratin-18 +, cytokeratin-19 +, desmin -, endothel -, EpCAM +, GFAP -, neurofilament -, vimentin -
Fingerprint:	fluorescent nonaplex PCR of short tandem repeat markers revealed a unique STR DNA profile
Species:	confirmed as human with IEF of MDH, NP

Viruses: ELISA: reverse transcriptase negative; PCR: EBV -, HBV -, HCV -, HHV-8 -, HIV -, HTLV-I/II -, MLV -, SMRV -

Supplied as:	Delivery form	Prices
	Frozen culture	360,- €
	Growing culture (please inquire for exact delivery time)	720,- €
	DNA isolated from cell line (25 µg)	440,- €
	DNA isolated from cell line (5 µg)	100,- €

[see price list](#)

[Print data sheet](#)
