

HT-29 | 300215

HT-29

Description	HT-29, is a human colorectal adenocarcinoma cell line. It is derived from a 44-year-old male patient with a primary tumor in the sigmoid colon. The cell line is characterized by its ability to form organoids in vitro and its sensitivity to 5-fluorouracil and oxaliplatin. HT-29 is a well-established cell line used for studying colorectal cancer biology and drug response.
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Organism	Human
Tissue	Colorectal adenocarcinoma
Disease	Colorectal cancer
Synonyms	HT 29, HT29

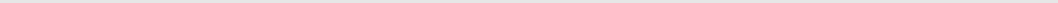
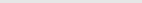
HT-29

Age	44 years
Gender	Male
Ethnicity	White
Morphology	Epithelial cells
Growth properties	Adherent

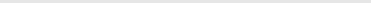
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Citation	HT-29 (ATCC CCL-229) Cytion 300215
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_0320

Receptors expressed (u-PAR), D (),

Antigen expression  A, Rh+, HLA A1, A3, B12, B17, Cw5, CD4 -,  (HIV-)

Oncogenes Myc+, ras+, myb+, fos+, sis+, p53+, abl -, ros -, src -

Virus susceptibility  (HIV, LAV)

Karyotype XXXX XXXXXXXXXXXXXXXXXX XXXXX XXXX XXXXXXXXXXXXXXXXXXXXXXX, XX XXXXX2S XXXXXXXX X-2.4%. XXXXX XXXXXXXXXXXXXXX XXXXXXX 17 XXXXXXXXXXXXXXX XXXXXXX t(13,?)b, 19q+b, M14, M15, 15p+ X-xq-. XXXXXXXXXXXXXXX 13 XXXX XXXXXXXXXXXXXXX XXXXXXXXXXXXXXX 8 X-14 XX XXXXX XXXX XXXXXXXXXXXXXXX XX X

Culture Medium	EMEM (MEM Eagle), w: 2 mM L-Glutamine, w: 2.2 g/L NaHCO ₃ , w: EBSS (XXXXX XXXXXXXX Cytion 820100a)
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Dissociation Reagent 

Subculturing

When the cell density reaches approximately 100,000 cells per well, the cells are trypsinized and resuspended in 10% FBS DMEM. The cells are then seeded into new wells at a density of 10,000 cells per well. The cells are allowed to attach and grow for 24 hours before being used for experiments.

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[illegible]

Sterility

Microscopic examination of the spermatozoa and the PCR analysis of the spermatozoa confirmed the sterility of the spermatozoa.

The spermatozoa were found to be sterile, and the PCR analysis confirmed the sterility of the spermatozoa.

A*: '01:01:01, '24:03:01
B*: '35:01:01, '44:03:01
C*: 04:01:01
DRB1*: 04:02:01, 07:01:01
DQA1*: '02:01:01, '03:01:01
DQB1*: '02:02:01, '03:02:01
DPB1*: 04:01:01
E: 01:01, 01:03