

LoVo | 300266

LoVo

Description	LoVo is a human colorectal adenocarcinoma cell line. It is derived from a 56-year-old male patient with a primary tumor in the sigmoid colon. The cell line is characterized by its high tumorigenicity and its ability to form metastases. It is a good model for studying the biology of colorectal cancer and for testing new drugs. The cell line is maintained in DMEM/F12 medium supplemented with 10% fetal bovine serum (FBS). It is a good model for studying the biology of colorectal cancer and for testing new drugs. The cell line is maintained in DMEM/F12 medium supplemented with 10% fetal bovine serum (FBS).
Organism	Human
Tissue	Colorectal, IV, C
Disease	Colorectal cancer
Metastatic site	Colorectal, IV, C
Synonyms	LOVO
Age	56 years
Gender	Male
Morphology	Epithelial
Growth properties	Adherent
Citation	LoVo (Cytion 300266)
Biosafety level	1
NCBI_TaxID	9606

XX XXXX LoVo | 300266

CellosaurusAccession CVCL_0399

XXXXXXXXXX XIXX-XXXXXXXXXXXXXXXXXXXX

Antigen expression HLA A11, B15, B17, Cw1, Cw3, B

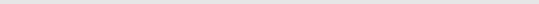
Isoenzymes G6PD, B, PGM1, 2, PGM3, 1-2, 6PGD, A, ES-D, 1

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

Tumorigenic ☒, ☒☒☒☒☒ ☒☒☒☒☒

Reverse transcriptase 

Products

Mutational profile  LOVO   13  Kras: GGC(Wt Gly) >GAC(Asp)

XXXXXXXXXX

Culture Medium	Ham's F12K Medium, w: 2.0 mM L-Glutamine, w: 2.0 mM Sodium pyruvate, w: 2.5 g/L NaHCO ₃ (XXXX XXXX Cytion 820608a)
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Supplements 10% FBS

**Dissociation
Reagent** 

Subculturing 1. 将细胞悬液离心，弃去上清液。用 PBS 清洗细胞，离心。加入含有 T25 的烧瓶，加入 3-5 ml PBS，轻轻吹打，使细胞脱落。将细胞悬液转移到新的培养瓶中。

Seeding density 1×10^4 

Fluid renewal 2 3 4 5 6

Post-Thaw Recovery

Cell culture medium was replaced by serum starved medium (DMEM/F12 + 5% FBS) + 10% DMSO or 10% FBS + 10% DMSO for 24 hours, then C

[illegible]

37°C, 5% CO₂,

☐ ☐ ☐ ☐

XXX-78°C

Figure 1

XXXXXXXX XXXX, XX XXXXX XX XXXXXXXXXXXXXXX XXXX XXXX XXXX XX XXX XXXXXXXXXXXXXXX XX -150 XX 196 XXXXX XXXXXX. XXXXX XXXXX

XXXXX XXXXXXX XXXXXXXXXX XXXXXXXXXXXXXXX

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Sterility

PCR

HLA

A*: '01:01:01, '32:01:01
B*: '27:08:00, '57:55:00
C*: 06:02:01
DRB1*: 13:01:01, 13:02:01
DQA1*: 01:02:01, 01:03:01
DQB1*: 06:03:01, 06:04:01
DPB1*: '02:01:02, '04:01:01
E: 01:01:01