

Product sheet

- | 305682

Description	LoVo-Luc	LoVo		LoVo	56
	LoVo-Luc			BLI	
	LoVo-Luc	LoVo	MSI	CEA	
Organism					
Tissue					
Disease					
Metastatic site					
Age	56				
Gender					
Ethnicity					
Morphology					
Growth properties					
Citation	Lovo-Luc	Cytion	305682		
Biosafety level	1				
NCBI_TaxID	9606				
CellosaurusAccession	CVCL_4Y03				
GMO Status	GMO-S1		Luc2	1–5 µg/mL	

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Antigen expression

HLA A11 B15 B17 Cw1 Cw3 B Luc2

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**

(CEA) 908 /106 /10

Mutational profilep.Lys437Argfs*5
p.Gly13Aspp.Arg1114Ter
p.Ala292Valp.Met1431fs*42
p.Lys128Serfs*35

p.Arg2816Gln

p.Leu15Phefs*41

Culture MediumHam's F12K w 2.0 mM L- w 2.0 mM w 2.5 g/L NaHCO₃ Cytion 820608a**Supplements**

10% FBS

Dissociation Reagent

Accutase

Doubling time

24-48

Subculturing

PBS T25 3-5 PBS T75 5-10 Accutase T25 1-2 T75 2.5

Split ratio

1 3

Seeding density1-3×10⁴/cm²**Fluid renewal**

2 3

Freeze medium

+10% DMSO

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Thawing and Culturing Cells

1.

2.

-150°C

3

3.

37°C

40-60

4.

70%

5.

8

15

6.

200 x g 5

7.

Incubation Atmosphere

37°C, 5% CO₂,

Shipping Conditions

-78 °C

Storage Conditions

-150 -196 -80 °C