

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 ng/10⁶ /10**Mutational profile**p.Lys437Argfs*5
p.Gly13Aspp.Arg1114Ter
p.Ala292Valp.Met1431fs*42
p.Lys128Serfs*35

p.Arg2816Gln

p.Leu15Phefs*41

Culture Medium

Ham's F12K

2.0 mM L-

2.0 mM

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

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 °C

-80 °C