

MCF-7 | 300273

Description	MCF7	MCF7	69
	MCF 7	MDA-MB-231	
	MCF7		α TNF α
		MCF7	
	MCF7		

Organism

Tissue

Disease

Metastatic site

Synonyms MCF7 MCF.7 MCF7 -7 ssMCF-7 ssMCF7 MCF7/WT MCF7-CTRL IBMF-7

Age 69

Gender

Ethnicity

Morphology

Growth properties

Citation MCF-7 Cytion 300273

Biosafety level 1

Product sheet



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NCBI_TaxID 9606

CellosaurusAccession CVCL_0031

Receptors expressed

Protein expression P53 pGP9.5 CEA

Isoenzymes PGM3 1 PGM1 1-2 ES-D 1-2 AK-1 1 GLO-1 1-2 G6PD B

Oncogenes Wnt7h + Tx-4

Tumorigenic

Products IGFBP BP-2 BP-4 BP-5

Mutational profile TP53 wt

Karyotype 2S 1% S 29 34 30% 24 28 80% 1 M1

Culture Medium EMEM MEM Eagle w 2 mM L- w 2.2 g/L NaHCO3 w EBSS Cytion 820100a

Supplements 10% FBS 1% NEAA

Dissociation Reagent Accutase

Doubling time 24

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

Seeding density 3×10^4 /

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Fluid renewal 2 3

Post-Thaw Recovery 48

Freeze medium FBS +10% DMSO CM-1 Cytion 800100 CM-1 Cytion 800100

Thawing and Culturing Cells

- 1.
2. -150°C 3
3. 37°C 40-60
4. 70%
5. 8 15
6. 300 x g 3
7. 10 T25 T25
- 8.

Incubation Atmosphere 37°C, 5% CO₂

Flask Coating

Freezing Procedure -78 °C

Shipping Conditions -78 °C

Storage Conditions -150 -196 -80 °C

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/ /HLA

Sterility

PCR

HLA

A*: '02:01:01

B*: '18:01:01, '44:02:01

C*: 05:XX

DRB1*: '03:01:01, '15:01:01

DQA1*: '01:02:01, '05:01:01

DQB1*: '02:01:01, '06:02:01

DPB1*: '02:01:02, '04:01:01

E: '01:01:01