

Product sheet

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			

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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
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Post-Thaw Recovery 48

Freeze medium	FBS +10% DMSO	CM-1 Cytion	800100	CM-1 Cytion	800100
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Thawing and Culturing Cells

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- 150°C 3
- 37°C 40-60
- 70%
- 8 15
- 300 x g 3
- 10 T25 T25
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Incubation Atmosphere	37°C, 5% CO ₂
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Flask Coating

Freezing Procedure	-78 °C
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Shipping Conditions -78 °C

Storage Conditions	-150 -196 -80 °C
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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