Product sheet

MCF-7 | 300273

Description	MCF7 MCF7 69 MCF7 MDA-MB-231 tamoxifen doxorubicin MCF7 —— α TNF-α MCF7 MCF7
Organism	
Tissue	
Disease	
Metastatic site	
Synonyms	MCF 7 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

MCF-7 | 300273

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

Culture Medium	EMEM MEM Eagle 2 mM L- 2.2 g/L $NaHCO_3$ 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
Seeding density	3×10^4 /cm^2

MCF-7 | 300273

Fluid renewal	2 3
Post-Thaw Recovery	48
Freeze medium	FBS + 10% DMSO 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% CO_2
Shipping Conditions	−78 °C
Storage Conditions	−150 −196 °C −80 °C
Sterility	PCR