

Product sheet

T47D | 300353

Description	T47D	T-47D	17 β-	T47
	T47D		MCF7	
	T47D			
	T-47D	T47D		
	T47D			

Organism

Tissue

Disease

Metastatic site

Synonyms T-47-D T47-D T47D:A T47D

Age 54

Gender

Ethnicity

Morphology

Growth properties

Citation T47D Cytion 300353

Biosafety level 1

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NCBI_TaxID 9606

CellosaurusAccession CVCL_0553

**Receptors
expressed**

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

Oncogenes Wnt3 +, wnt7h +, wnt7b +

TumorigenicMutational
profile TP53

Karyotype = 66

Culture
Medium RPMI 1640 w 2.0 mM w 2.0 g/L NaHCO₃ Cytion 820700a

Supplements 10% FBS 10 / HREC

Dissociation
Reagent Accutase

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

Seeding
density 1×10^4 /

Fluid renewal 2 3

Post-Thaw
Recovery ⁴ 5×10 24Freeze
medium FBS +10% DMSO CM-1 Cytion 800100 CM-1 Cytion 800100

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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

Sterility

PCR

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HLA	A* : '33:01:01
	B* : '14:02:01
	C* : '08:02:01
	DRB1* : '01:02:01
	DQA1* : '01:01:02
	DQB1* : '05:01:01
	DPB1* : '02:01:02, '04:01:01
	E : '01:01:01