

T47D | 300353

<b>Description</b>	T47D	T-47D	17 $\beta$ -
	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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<b>NCBI_TaxID</b>	9606
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<b>CellosaurusAccession</b>	CVCL_0553
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<b>Receptors expressed</b>	
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<b>Isoenzymes</b>	G6PD B PGM1 1 PGM3 1 ES-D 2 Ak-1 1 GLO-1 1-2
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<b>Oncogenes</b>	Wnt3 +, wnt7h +, wnt7b+
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<b>Tumorigenic</b>	
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<b>Mutational profile</b>	TP53
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<b>Karyotype</b>	= 66
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<b>Culture Medium</b>	RPMI 1640 w 2.0 mM	w 2.0 g/L NaHCO3	Cytion	820700a
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<b>Supplements</b>	10% FBS	10	/	HREC
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<b>Dissociation Reagent</b>	Accutase
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<b>Subculturing</b>	PBS	T25	3-5	PBS	T75	5-10	Accutase	T25	1-2	T75	2.5
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<b>Seeding density</b>	$1 \times 10^4$	/
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<b>Fluid renewal</b>	2	3
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<b>Post-Thaw Recovery</b>	$4$	$5 \times 10$	24
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<b>Freeze medium</b>	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% CO<sub>2</sub>

**Flask Coating**

**Freezing Procedure** -78 °C

**Shipping Conditions** -78 °C

**Storage Conditions** -150 -196 ❏ -80 °C

/ /HLA

**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