

T47D | 300353

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

/ /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