



<b>Cell line:</b>	<b>T-47D</b>	
DSMZ no.:	<b>ACC 739</b>	
Species:	human ( <i>Homo sapiens</i> )	
Cell type:	breast carcinoma	
Origin:	established from the pleural effusion of a 54-year-old woman with infiltrating ductal carcinoma of the breast in 1974; cells were described to highly express the Wnt-7b oncogene, the progesterone receptor and low amounts of androgene, glucocorticoid and estradiol receptors	
Reference(s):	<u>17267</u> , <u>17268</u> , <u>17269</u>	
Biosafety level:	1	
Permissions and restrictions:	A.....	
<b>DSMZ Cell Culture Data:</b>		
Morphology:	epithelial cells growing adherently as monolayer; <u>image</u> ; <u>image</u>	
Medium:	85% RPMI 1640 + 15% h.i. FBS + 10 µg/ml human insulin	
Subculture:	seed out at ca. 2-4 x 10 <sup>6</sup> cells/175 cm <sup>2</sup> flask; split confluent culture 1:3 once or twice a week using trypsin/EDTA	
Incubation:	at 37 °C with 5% CO <sub>2</sub>	
Doubling time:	ca. 30-40 hours	
Harvest:	cell harvest of ca. 15 x 10 <sup>6</sup> cells/175 cm <sup>2</sup>	
Storage:	frozen with 70% medium, 20% FBS, 10% DMSO	
<b>DSMZ Scientific Data:</b>		
Mycoplasma:	negative in microbiological culture, PCR assays	
Immunology:	cytokeratin +, cytokeratin-7 +, cytokeratin-8 +, cytokeratin-17 -, cytokeratin-18 +, cytokeratin-19 +, desmin -, endothel -, EpCAM +, GFAP -, neurofilament -, vimentin -	
Fingerprint:	fluorescent nonaplex PCR of short tandem repeat markers revealed a unique STR DNA profile	
Viruses:	PCR: EBV -, HBV -, HCV -, HIV -, HTLV-I/-II -, MLV -	
Supplied as:	<u>Delivery form</u>	<u>Prices</u>
	Frozen culture	360,- €
	Growing culture	720,- €

(please inquire for exact delivery time)

DNA isolated from cell line (25 µg)	440,- €
DNA isolated from cell line (5 µg)	100,- €

[see price list](#)

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[Print data sheet](#)

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