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<b>Description</b>	Capan-1	40	.1975	,	. Capan-1	
	Capan-1	KRAS	TP53	SMAD4	.	Capan-1

**Organism**

**Tissue**

**Disease**

**Metastatic site**

**Synonyms** CaPan-1, -1, -1, -1, 1, 1, 1

**Age** 40

**Gender**

**Morphology**

**Growth properties**

**Citation** Capan-1( 300143)

**Biosafety level** 1

**NCBI\_TaxID** 9606

**CellosaurusAccession** CVCL\_0237

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<b>Protein expression</b>	P53
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<b>Antigen expression</b>	A, Rh+
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<b>Isoenzymes</b>	Me-2, 1, PGM3, 1, PGM1, 1-2, ES-D, 1, AK-1, 1, G6PD, B, GLO-1, 1-2,	: 0.0311
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**Tumorigenic**

<b>Products</b>	
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<b>Mutational profile</b>	Capan-1	12	Kras	: GGT( )>GTT( )
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<b>Karyotype</b>	(P7) , , ,	(P7)
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<b>Culture Medium</b>	RPMI 1640, w: 2.0mM	, w: 2.0g/L NaHCO3(	820700a)
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<b>Supplements</b>	10% FBS
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<b>Dissociation Reagent</b>	
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<b>Doubling time</b>	60~80
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<b>Subculturing</b>	PBS	. T25	3~5ml, T75	5~10ml	PBS	.	T25
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<b>Seeding density</b>	$2 \times 10^4$ /cm <sup>2</sup>	7	90%	.
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<b>Fluid renewal</b>	3
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<b>Post-Thaw Recovery</b>	$5 \times 10^4$ /cm <sup>2</sup>	,	48	.
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<b>Freeze medium</b>	(FBS ) + 10% DMSO	,	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. 8ml 15ml .
6. 300 x g 3 .
7. 10ml . 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°C -196°C .80°C .

/ / HLA

**Sterility**

PCR .

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**HLA**

**A\***: '01:01:01, '30:01:01

**B\***: '13:02:01, '57:01:01

**C\***: '06:02:01

**DRB1\***: '07:01:01, '13:05:01

**DQA1\***: '02:01:01, '05:05:01

**DQB1\***: '02:02:01, '03:01:01

**DPB1\***: '03:01:01g, '04:01:01g

**E**: '01:01:01