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Description	Capan-1	40	1975	Capan-1
	Capan-1	KRAS	TP53 SMAD4	Capan-1

Organism

Tissue

Disease

Metastatic site

Synonyms	CaPan-1 CAPAN-1	1 CAPAN1	1 CAPAN1
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Age	40
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Gender

Morphology

Growth properties

Citation	Capan-1 (Cytion	300143)
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Biosafety level	1
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NCBI_TaxID	9606
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CellosaurusAccession	CVCL_0237
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Protein expression	P53						
Antigen expression	A, Rh+						
Isoenzymes	Me-2	1	PGM3	1	PGM1	1-2	ES-D 1 AK-1 1 G6PD B GLO-1 1-2 0.0311
Tumorigenic							
Products							
Mutational profile	Capan-1	12	Kras	GGT(Gly)>GTT(Val)			
Karyotype	(P7)2			3			
Culture Medium							
Culture Medium	RPMI1640 w 2.0mM	w 2.0g/L NaHCO3 Cytion article number 820700a					
Supplements	10% FBS						
Dissociation Reagent							
Doubling time	60 80						
Subculturing			PBS	T25	3-5ml T75	5-10ml PBS	T25 1-2m
Seeding density	2×10 ⁴ /cm ² 90%						
Fluid renewal	3						
Post-Thaw Recovery	4		10		48		
Freeze medium			FBS	10 DMSO			CM-1

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Thawing and Culturing Cells

- 1.
2. -150 3
3. 37 40 60
4. 70
5. 8ml 15ml
6. 300 x g 3
7. 10ml 2 T25 1
- 8.

Incubation Atmosphere 37 5% CO₂

Flask Coating

Freezing Procedure -78

Shipping Conditions

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Storage Conditions -150 -196 80

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