

Capan-1 | 300143

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

Organism

Tissue

Disease

Metastatic site

Synonyms CaPan-1, CAPAN-1, Capan 1, CAPAN 1, Capan1, CAPAN1

Age 40

Gender

Morphology

Growth properties

Citation Capan-1 Cytion 300143

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_0237

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Protein expression	P53
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Antigen expression	A Rh+
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Isoenzymes	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

Products	
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Mutational profile	Capan-1	12	Kras	GGT(Gly) >GTT(Val)
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Karyotype	(P7)
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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
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Dissociation Reagent	Accutase
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Doubling time	60 80
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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	$2 \times 10^4 / \text{cm}^2$	7	90%
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Fluid renewal	3
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Post-Thaw Recovery	4×10^5	48
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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*: '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