

Capan-2 | 300144

Description	Capan-2	56
	Capan-2 Kirsten	KRAS KRAS

p53

Organism

Tissue

Disease

Synonyms	CaPan-2, CAPAN-2, Capan 2, CAPAN 2, Capan2, CAPAN2
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Age	56
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Gender

Ethnicity

Morphology

Growth properties

Citation	Capan-2 Cytion 300144
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Biosafety level	1
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NCBI_TaxID	9606
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CellosaurusAccession	CVCL_0026
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Protein expression	P53														
Antigen expression	B Rh+														
Isoenzymes	Me-2	2	PGM3	2	PGM1	1	ES-D	1	AK-1	1	G6PD B	GLO-1	2	0.0004	
Tumorigenic															
Products	apomucin MUC-1 MUC-2														
Ploidy status															
Mutational profile	Capan-2	12	Kras	GGT>GTT											
Culture Medium	McCoy's 5a	w	3.0	/	w	w	2.0	w	2.2	/	NaHCO3	Cytion	820200a		
Supplements	10% FBS														
Dissociation Reagent	Accutase														
Doubling time	45	60													
Subculturing					PBS	T25	3-5	PBS	T75	5-10	Accutase	T25	1-2	T75	2.5
Seeding density	1×10 ⁴	/	7												
Fluid renewal	2	3													
Post-Thaw Recovery	4	/5×10					48								
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*: '29:02:01

B*: '44:03:01

C*: '16:01:01

DRB1*: '07:01:01

DQA1*: '02:01:01

DQB1*: '02:02:01

DPB1*: '11:01:01

E: '01:03:02