

Panc-1 | 300228

Description	PANC-1	56						Panc1
				PDAC				
	PANC-1	SSTR2					-	EMT EMT
			Y	CDKN2A	p53			
	PANC-1							

Organism

Tissue

Disease

Synonyms PANC-1 PANC.1 Panc 1 PanC1 Panc1 PANC1 Panc-1-P

Age 56

Gender

Ethnicity

Growth properties

Citation Panc-1 Cytion 300228

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_0480

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Protein expression	P53	CEA
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Isoenzymes	G6PD B
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Tumorigenic	
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Mutational profile	Panc-1	12	Kras	GGT(Wt Gly) >GAT(Asp)
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Karyotype	
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Culture Medium	DMEM w 4.5 / w 4 L- w 3.7 / NaHCO3 w 1.0	Cytion 820300a
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Supplements	10% FBS
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Dissociation Reagent	Accutase
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Subculturing	PBS	T25	3-5	PBS	T75	5-10	Accutase	T25	1-2	T75	2.5
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Split ratio	1:2	1:4
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Seeding density	1×10^4	/
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Fluid renewal	2	3
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Post-Thaw Recovery	⁴	5×10	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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STR

- Amelogenin:** x,x
- CSF1PO:** 10,12
- D13S317:** 11
- D16S539:** 11
- D5S818:** 11,13
- D7S820:** 8,1
- TH01:** 7,8
- TPOX:** 8,11
- vWA:** 15
- D3S1358:** 17
- D21S11:** 28
- D18S51:** 12
- D8S1179:** 14,15
- FGA:** 21
- D1S1656:** 12,14
- D2S1338:** 23 24
- D12S391:** 22
- D19S433:** 11,16

HLA

- A*:** '02:01:01, '11:01:01
- B*:** 38:01:01
- C*:** '12:03:01
- DRB1*:** '13:01:01
- DQA1*:** '01:03:01
- DQB1*:** '06:03:01
- DPB1*:** '02:01:02G '04:02:01G
- E:** '01:01, '01:03