

**Panc-1 | 300228**

<b>Description</b>	56	PANC-1	Panc1
			PDAC
	PANC-1		SSTR2
		Y	CDKN2A p53
			2
	PANC-1		
			EMT

**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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<b>Protein expression</b>	P53	CEA							
<b>Isoenzymes</b>	G6PD	B							
<b>Tumorigenic</b>									
<b>Mutational profile</b>	Panc-1	12	Kras	GGT(Wt Gly) >GAT(Asp)					
<b>Karyotype</b>	3	1							
<b>Culture Medium</b>	DMEM w 4.5g/L	w 4mM L-	w 3.7g/L NaHCO3	w 1.0mM			Cytion	820300a	
<b>Supplements</b>	10% FBS								
<b>Dissociation Reagent</b>									
<b>Subculturing</b>			PBS	T25	3-5ml	T75	5-10ml	PBS	T25
<b>Split ratio</b>	1	2	1	4					
<b>Seeding density</b>	$1 \times 10^4$	/cm <sup>2</sup>							
<b>Fluid renewal</b>	2	3							
<b>Post-Thaw Recovery</b>	$4 \times 10^4$			48					
<b>Freeze medium</b>			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% CO<sub>2</sub>

**Flask Coating**

**Freezing Procedure** -78

**Shipping Conditions**

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**Storage Conditions** -150 -196 80

**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