

Panc-1 | 300228

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

-78

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