

MIA PaCa-2 | 300438

Description	MIA PaCa-2	65	Mia PaCa 2	PDAC	MAPK PI3K/AKT Wnt
	Mia Paca-2		Mia Paca-2		

Organism

Tissue

Disease

Synonyms MIA-PaCa-2, MIA-PACA-2, MIA-Pa-Ca-2, MIA Paca2, MIA PaCa2, MiaPaCa-2, MIAPACA-2, MiaPaca.2, MiaPaCa2, Miapaca2, MIAPaCa2, MIAPACA2, Mia PACA 2, MIAPaCa-2, PaCa2

Age 65

Gender

Ethnicity

Morphology

Growth properties

Citation MIA PaCa-2 Cytion 300438

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_0428

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Isoenzymes	G6PD B
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Tumorigenic

Mutational profile	KRAS p.Gly12Cys (c.34G>T)	CDKN2A
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Karyotype

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

Dissociation Reagent	Accutase
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Doubling time 25 40

Subculturing	PBS T25 3-5 PBS T75 5-10	Accutase T25 1-2 T75 2.5
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Seeding density 1×10^4 /

Fluid renewal	2 3
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Post-Thaw Recovery 4×10^4 / 5×10^4 24

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*:** '01.01.1900 00:02
- B*:** '14:02:01
- C*:** '08:02:01
- DRB1*:** '01:02:01
- DQA1*:** '01:01:02
- DQB1*:** '05:01:01
- DPB1*:** '02:01:02
- E:** '01:01:01