

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
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Age	65
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Gender

Ethnicity

Morphology

Growth properties

Citation	MIA PaCa-2 Cytion	300438
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Biosafety level	1
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NCBI_TaxID	9606
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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