

MIA PaCa-2 | 300438

<b>Description</b>	65	MIA PaCa-2	Mia PaCa 2	(PDAC)
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<b>Organism</b>
<b>Tissue</b>

<b>Disease</b>	
<b>Synonyms</b>	MIA-PaCa-2, MIA-PACA-2, MIA-Pa-Ca-2, MIA 2, MIA 2, MIA 2, 2, 2, 2, 2, 2, 2, 2, 2, 2,

<b>Age</b>	65
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<b>Gender</b>
<b>Ethnicity</b>

<b>Morphology</b>
<b>Growth properties</b>

<b>Citation</b>	MIA PaCa-2( 300438)
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<b>Biosafety level</b>	1
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<b>NCBI_TaxID</b>	9606
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<b>CellosaurusAccession</b>	CVCL_0428
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<b>Isoenzymes</b>	G6PD, B
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**Tumorigenic**

<b>Mutational profile</b>	KRAS p.Gly12Cys (c.34G>T)	CDKN2A
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**Karyotype**

<b>Culture Medium</b>	DMEM, w: 4.5g/L , w: 4mM L- , w: 3.7g/L NaHCO3, w: 1.0mM ( 820300a)
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**Supplements** 10% FBS

<b>Dissociation Reagent</b>	
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**Doubling time** 25~40

<b>Subculturing</b>	PBS . T25 3~5ml, T75 5~10ml PBS . T25
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**Seeding density**  $1 \times 10^4 / \text{cm}^2$

<b>Fluid renewal</b>	2~3
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**Post-Thaw Recovery**  $2 \sim 5 \times 10^4 / \text{cm}^2$  , 24 .

<b>Freeze medium</b>	(FBS ) + 10% DMSO , 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. 8ml 15ml .
6. 300 x g 3 .
7. 10ml . T25 , T25
8. .

**Incubation Atmosphere** 37°C, 5% CO<sub>2</sub> .

**Flask Coating**

**Freezing Procedure** -78°C .

**Shipping Conditions**

-78°C .

**Storage Conditions** -150°C -196°C .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