Product sheet

[redacted] MIA PaCa-2 | 300438

[redacted]

Description	[redacted] MIA PaCa-2 [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] Mia Paca-2 [redacted]
Organism	[redacted]
Tissue	[redacted]
Disease	[redacted]
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

[redacted]

Age	65 [redacted]
Gender	[redacted]
Ethnicity	[redacted]
Morphology	[redacted]
Growth properties	[redacted]

[redacted]

Citation	MIA PaCa-2 ([redacted] Cytion 300438)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_0428

[redacted] MIA PaCa-2 | 300438

[redacted]

Isoenzymes	[redacted]6 [redacted], [redacted]
Tumorigenic	[redacted]
Mutational profile	[redacted] KRAS p.Gly12Cys (c.34G>T) [redacted] CDKN2A
Karyotype	[redacted]

[redacted]

Culture Medium	DMEM, w: 4.5 [redacted]/[redacted] [redacted], w: 4 [redacted] [redacted]-[redacted], w: 3.7 [redacted]/[redacted] NaHCO3, w: 1.0 [redacted]
Supplements	[redacted] FBS 10%
Dissociation Reagent	[redacted]
Doubling time	25 [redacted] 40 [redacted]
Subculturing	[redacted] PBS [redacted] T25 [redacted]
Seeding density	1 x 10^4 [redacted]^2/[redacted]^
Fluid renewal	2 [redacted] 3 [redacted]
Post-Thaw Recovery	[redacted] 24 [redacted]
Freeze medium	[redacted] ([redacted] FBS) + 10% DMSO

[redacted] MIA PaCa-2 | 300438

Thawing and Culturing Cells

1. [redacted]
2. [redacted] cryovial [redacted] -150 [redacted]
3. [redacted] 37°C [redacted]
4. [redacted] 70%
5. [redacted] 15 [redacted]
6. [redacted] 300 x g [redacted] 3 [redacted]
7. [redacted] 10 [redacted]
8. [redacted]

Incubation Atmosphere	37°C, 5% $_{CO2}$, [redacted]
Flask Coating	[redacted]
Freezing Procedure	[redacted]
Shipping Conditions	[redacted]
Storage Conditions	[redacted] −150 [redacted] −196 °C [redacted]

[redacted] / [redacted] / HLA

Sterility	[redacted] PCR [redacted]

[redacted] MIA PaCa-2 | 300438

[redacted] 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