

A172 | 300108

Description	A-172 A172 A-172 MG	53	n = 80 80
	CD90 CD105	tenascin C	VEGF FGF2 (b) TGFb1 thrombospondin-1
	A-172 T98G		T98G A-172

Organism

Tissue

Disease

Metastatic site Primary tumor site (brain)

Applications Glioblastoma research; mesenchymal GBM biology; VEGF/FGF/TGF-β angiogenesis studies; glioma invasion and migration; IDH1 wild-type GBM modeling; drug sensitivity assays; xenograft models

Synonyms A-172, A 172, A-172 mg, A-172mg

Age 53

Gender

Ethnicity

Morphology Epithelial-like (glioma)

Cell type Glial cells

Growth properties

Citation A172 Cytion 300108

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Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_0131
GMO Status	No genetic modification; wildtype GBM line with IDH1 wild-type status and MSS phenotype
Ploidy status	
MSI-status	(MSS)
Mutational profile	IDH1
Culture Medium	
	DMEM w 4.5 / w 4 L- w 3.7 / NaHCO3 w 1.0 Cytion 820300a
Supplements	10% FBS
Dissociation Reagent	Accutase
Doubling time	40
Subculturing	PBS T25 3-5 PBS T75 5-10 Accutase T25 1-2 T75 2.5
Split ratio	1 to 5
Seeding density	$1 \times 10^4 / \text{cm}^2$ 3
Fluid renewal	2 3
Post-Thaw Recovery	⁴ /4x10 24 48

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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

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Sterility

PCR

HLA

A*: '01:01:01, '03:01:01

B*: '07:02:01, '08:01:01

C*: '07:01:01, '07:02:01

DRB1*: '03:01, '11:01

DQA1*: '05:01:01, '05:05:01

DQB1*: '02:01, '03:01

DPB1*: '02:01:02G '04:02:01G

E: '01:01, '01:03