

A375 | 300110

Description	A375	54	---	A375		
		A375	A375	BRAFV600E	MEK	
		A375		A375		Luc2
	A375					

Organism

Tissue

Disease

Synonyms	A 375	A-375	A375-MEL	A375-MEL	A375mel
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Age	54
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Gender

Morphology

Growth properties

Citation	A375	Cytion	300110
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Biosafety level 1

NCBI_TaxID	9606
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CellosaurusAccession CVCL_0132

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Antigen expression	P53
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Tumorigenic

Mutational profile	BRAF V600Emut
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Karyotype A375 62

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 20

Subculturing	PBS T25 3-5 PBS T75 5-10 Accutase T25 1-2 T75 2.5
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Seeding density $1 \times 10^4 / \text{cm}^2$ 4

Fluid renewal	2 3
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Post-Thaw Recovery 4×10^6 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*: '01:01:01, '02:01:01

B*: '44:03:01, '57:01:01

C*: '06:02:01, '16:01:01

DRB1*: '04:05:01, '07:01:01

DQA1*: '02:01:01, '03:03:01

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

DPB1*: '04:01:01

E: '01:01:01, '01:03