

SK-MEL-28 | 300337

Description T.Takahashi 51

Organism

Tissue

Disease

Synonyms SK-Mel-28, SK.MEL.28, SK-MEL 28, SK MEL-28, SK MEL 28, SK Mel 28, SKMel-28, SKMEL-28, SK-MEL28, SK-Mel28, SK Mel28, SKMEL28, SKMel28, SKmel28, SKML-28, SK28, AU-Mel, P-36, P36

Age 51

Gender

Morphology

Growth properties

Citation SK-MEL-28 Cytion 300337

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_0526

Protein expression P53

Isoenzymes PGM3 1 PGM1 1 ES-D 1 AK-1 1-2 GLO-1 2 G6PD B

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Tumorigenic

Products

Mutational profile	BRAF V600E	DNA	RT-PCR	Western	V600E	BRAF
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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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Subculturing PBS T25 3-5 PBS T75 5-10 Accutase T25 1-2 T75 2.5

Split ratio	1:3
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Fluid renewal 2 3

Post-Thaw Recovery	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

Sterility PCR

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STR

- Amelogenin:** x,y
- CSF1PO:** 10,12
- D13S317:** 11,12
- D16S539:** 9,12
- D5S818:** 13
- D7S820:** 10
- TH01:** 7
- TPOX:** 8,12
- vWA:** 16,19
- D3S1358:** 16,18
- D21S11:** 28 29
- D18S51:** 12,16
- Penta E:** 8,12
- Penta D:** 9,1
- D8S1179:** 13
- FGA:** 19

HLA

- A*:** '11:01:01
- B*:** '40:01:02
- C*:** '03:04:01
- DRB1*:** '04:04:01
- DQA1*:** '03:01:01
- DQB1*:** '03:02:01
- DPB1*:** '03:01:01
- E:** '01:03:02