

**SK-MEL-28 | 300337**

**Description** 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**

<b>Mutational profile</b>	BRAF V600E mut DNA	RT-PCR	V600E BRAF
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<b>Culture Medium</b>	DMEM w 4.5g/L	w 4mM L-	w 3.7g/L NaHCO3	w 1.0mM	Cytion 820300a
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**Supplements** 10% FBS

**Dissociation Reagent**

**Subculturing** PBS T25 3-5ml T75 5-10ml PBS T25 1-2m

<b>Split ratio</b>	1 3
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**Fluid renewal** 2 3

<b>Post-Thaw Recovery</b>	48
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**Freeze medium** FBS 10 DMSO CM-1

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Thawing and Culturing Cells				
1.				
2.		-150		3
3.		37		40 60
4.	70			
5.		8ml	15ml	
6.	300 x g 3			
7.	10ml		2 T25	
8.				

**Incubation Atmosphere** 37 5% CO<sub>2</sub>

**Flask Coating**

**Freezing Procedure** -78

**Shipping Conditions** -78

**Storage Conditions** -150 -196 80

**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