

**SK-MEL-1** | 300424

**Description** F. Oettgen 1966 WB PCR BRAF V600E

**Organism**

**Tissue**

**Disease**

**Metastatic site**

**Synonyms** SK-Mel-1, SK Mel 1, SK-Mel 1, SK-Mel1, SKMEL-1, SkMEL-1, SKMEL1, SK 1

**Age** 29

**Gender**

**Ethnicity**

**Morphology**

**Growth properties**

**Citation** SK-MEL-1 Cytion 300424

**Biosafety level** 1

**NCBI\_TaxID** 9606

**CellosaurusAccession** CVCL\_0068

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<b>Antigen expression</b>	A Rh+ 63%	10%
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<b>Isoenzymes</b>	PGM3 1 PGM1 1 ES-D 1 AK-1 1 GLO-1 1-2 G6PD B
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<b>Tumorigenic</b>	
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<b>Products</b>	
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<b>Mutational profile</b>	DNA	RT-PCR	Western	V600E	BRAF
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<b>Culture Medium</b>	RPMI 1640 w 2.1 mM	w 2.0 g/L NaHCO3	Cytion	820700a
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<b>Supplements</b>	15%	FBS
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<b>Dissociation Reagent</b>	Accutase
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<b>Subculturing</b>	$5 \times 10^5$ / $5 \times 10^6$ / $3 \times 10^7$	$5 \times 10^8$
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<b>Split ratio</b>	1:2 1:4
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<b>Seeding density</b>	$1 \times 10^5$ /
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<b>Fluid renewal</b>	2 3
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<b>Freeze medium</b>	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% CO<sub>2</sub>

**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:** 12,13
- D13S317:** 11
- D16S539:** 11,12
- D5S818:** 12,13
- D7S820:** 12
- TH01:** 6
- TPOX:** 11
- vWA:** 16,17
- D3S1358:** 14,16
- D21S11:** 29,32.2
- D18S51:** 13,16
- Penta E:** 7,21
- Penta D:** 11,13
- D8S1179:** 13,16
- FGA:** 18,2

**HLA**

- A\*:** '26:01:01
- B\*:** '35:01:01, '38:01:01
- C\*:** '04:01:01, '12:03:01
- DRB1\*:** '04:02:01
- DQA1\*:** '03:01:01
- DQB1\*:** '03:02:01
- DPB1\*:** '04:01:01
- E:** '01:01:01, '01:03:01