

SK-MEL-1 | 300424

Description 1966 F. Oettgen WB PCR

Organism

Tissue

Disease

Metastatic site

Synonyms SK 1 SK1

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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| | | | |
|---------------------------|-------|----|----|
| Antigen expression | A Rh+ | 63 | 10 |
|---------------------------|-------|----|----|

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

| | |
|--------------------|--|
| Tumorigenic | |
|--------------------|--|

Products

| | | | |
|---------------------------|------------|-----|--------|
| Mutational profile | V600E BRAF | DNA | RT-PCR |
|---------------------------|------------|-----|--------|

| | | |
|-----------------------|------------------|---|
| Culture Medium | RPMI1640 w 2.1mM | w 2.0g/L NaHCO3 Cytion article number 820700a |
|-----------------------|------------------|---|

Supplements 15 FBS

| | |
|-----------------------------|--|
| Dissociation Reagent | |
|-----------------------------|--|

Subculturing ⁶ /ml 5×10⁵ /ml 3×10⁵ 1×10

| | |
|--------------------|---------|
| Split ratio | 1 2 1 4 |
|--------------------|---------|

Seeding density 1 2×10⁵ /mL

| | |
|----------------------|-----|
| Fluid renewal | 2 3 |
|----------------------|-----|

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% CO₂

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:** 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