

HaCaT | 300493

|                    |       |       |       |    |          |
|--------------------|-------|-------|-------|----|----------|
| <b>Description</b> | HaCaT |       | HaCaT |    | HaCaT    |
|                    | HaCaT |       | RIPL  |    | HaCaT    |
|                    |       | HaCaT |       |    |          |
|                    | HaCaT |       | HaCaT | κB | microRNA |
|                    | HaCaT |       |       |    |          |
|                    |       | HaCaT |       |    |          |

**Organism**

**Tissue**

**Age** 62

**Gender**

**Ethnicity**

**Cell type** 20-25

**Growth properties**

**Citation** HaCaT Cytion 300493

**Biosafety level** 1

**NCBI\_TaxID** 9606

**CellosaurusAccession** CVCL\_0038

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**Tumorigenic**

**Karyotype**

**Culture Medium** DMEM w 4.5 / w 4 L- w 3.7 / NaHCO3 w 1.0 Cytion 820300a

**Supplements** 10% FBS

**Dissociation Reagent** Ca2+ Mg2+ PBS EDTA 0.05% 0.1% 1:1 /EDTA

**Doubling time** HaCaT 28

**Subculturing**

- 1.
2. T25 3-5 PBS T75 5-10
3. **EDTA** 0.05% EDTA T25 1-2 T75 2.5
4. 1037°C
5. /EDTA **TrypLE Express** /EDTA 0.05% 0.025% EDTA TrypLE Express
6. 1-5
7. FBS
- 8.

**Split ratio** A ratio of 1:5 to 1:10 is recommended

**Seeding density**  $1 \times 10^4$  /

**Fluid renewal** 2

**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% 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,x
- CSF1PO:** 9,11
- D13S317:** 10,12
- D16S539:** 9,12
- D5S818:** 12
- D7S820:** 9,11
- TH01:** 09. Mrz
- TPOX:** 11,12
- vWA:** 16,17
- D3S1358:** 16
- D21S11:** 28,30.2
- D18S51:** 12
- Penta E:** 7,12
- Penta D:** 11,13
- D8S1179:** 14
- FGA:** 24
- D1S1656:** 11,12
- D2S1338:** 17,25
- D12S391:** 18,23
- D19S433:** 13,14

**HLA**

- A\*:** '31:01:02
- B\*:** '40:01:02, '51:01:01
- C\*:** '03:04:01, '15:02:01
- DRB1\*:** '04:01:01, '15:01:01
- DQA1\*:** '01:02:01, '03:03:01
- DQB1\*:** '03:01:01, '06:02:01
- DPB1\*:** '03:01:01, '04:01:01
- E:** '01:03:01, '01:03:02