

HaCaT | 300493

Description	HaCaT					HaCaT	
	HaCaT		RIPL			HaCaT	
		HaCaT					
	HaCaT				κB	RNA	HaCaT
			HaCaT				HaCaT
		HaCaT					

Organism	
Tissue	

Age	62
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Gender	
Ethnicity	

Cell type	20 25
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Growth properties	
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Citation	HaCaT (Cytion 300493)
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Biosafety level	1
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NCBI_TaxID	9606
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CellosaurusAccession	CVCL_0038
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HaCaT | 300493

Tumorigenic

Karyotype

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

Supplements 10% FBS

Dissociation Reagent EDTA 0.05 0.1 1 1 Ca2+ Mg2+ PBS

Doubling time HaCaT 28

Subculturing

- 1.
- 2.
3. **EDTA** 0.05 EDTA PBS T25 3 5ml T75 5 10ml
4. 37 10 T25 1-2 ml T75 2.5 ml
5. **Trypsin/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 $1 \times 10^4 / \text{cm}^2$

Fluid renewal 2

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 1
- 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,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