

HaCaT | 300493

Description

HaCaT is a cell line derived from a human epidermal keratinocyte. It is a well-established, immortalized cell line that is widely used in research. The cells are characterized by their ability to form a stratified, multi-layered epithelium, similar to the epidermis. They express a variety of keratins and other markers typical of keratinocytes. HaCaT cells are easy to maintain in culture and are suitable for a wide range of applications, including drug screening, toxicology, and basic research on skin biology.

Organism

Tissue

Age 62

Gender

Ethnicity

Cell type 20-25

Growth properties

Citation HaCaT (300493)

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_0038

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Thawing and Culturing Cells

1. [Redacted]
2. [Redacted]
3. [Redacted]
4. [Redacted]
5. [Redacted]
6. [Redacted]
7. [Redacted]
8. [Redacted]

Incubation Atmosphere 37 [Redacted]

Flask Coating [Redacted]

Freezing Procedure [Redacted]

Shipping Conditions [Redacted]

Storage Conditions [Redacted]

/ / HLA

Sterility [Redacted]

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STRAmelogenin: 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