

Product sheet

HeLa | 300194

HeLa

Description

HeLa, established from Henrietta Lacks, is a cell line that has become one of the most important tools in biology. It is a continuous cell line that can be grown in culture indefinitely. HeLa cells are used in a wide range of research, including cancer research, immunology, and virology. HeLa cells are also used in the production of vaccines and in the study of gene expression and cell signaling. HeLa cells are derived from a cervical carcinoma cell line and are characterized by their high growth rate and ability to form colonies. HeLa cells are also known for their ability to fuse with other cells, a property that has been used in the study of cell fusion and gene transfer. HeLa cells are also used in the study of the effects of various drugs and toxins on cells. HeLa cells are a valuable tool for researchers in many fields of biology and medicine.

Organism Human

Tissue Cervix uteri

Disease Cervical cancer

Applications Cell culture, gene expression, immunology, virology

Synonyms HELA, Hela, He La, He-La, Hela cell, Helacyton gartleri

Characteristics

Age 30 years

Gender Female

Ethnicity African American

Morphology Epithelial

Growth properties Adherent

References

Citation HeLa (ATCC CCL-2) Cytion 300194

Biosafety level 1

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Freeze medium [Redacted]

Thawing and Culturing Cells

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

Incubation Atmosphere 37°C, 5% CO₂, [Redacted]

Flask Coating [Redacted]

Freezing Procedure [Redacted]

Shipping Conditions [Redacted]

Storage Conditions [Redacted]

[Redacted] / [Redacted] / HLA

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Sterility

PCR
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HLA

- A***: '68:02:01
- B***: 15:03:01
- C***: 12:03:01
- DRB1***: 01:02:01
- DQA1***: 01:01:02
- DQB1***: 05:01:01
- DPB1***: 01:01:01
- E**: 01:03:02