

HeLa 229 | 305056

General Information

Description HeLa 229 is a cell line derived from HeLa cells, which are a type of epithelial cell from the cervix. HeLa cells are one of the most commonly used cell lines in cell biology and molecular biology. HeLa 229 is a derivative of HeLa cells that has been adapted for growth in serum-free conditions. HeLa 229 cells are characterized by their ability to grow in the presence of interferon- α and interferon- β , which are antiviral proteins that inhibit the growth of many cell lines. HeLa 229 cells are also characterized by their ability to grow in the presence of 5-fluorouracil, a chemotherapeutic drug that inhibits DNA synthesis. HeLa 229 cells are used in a variety of applications, including drug screening, gene expression analysis, and cell cycle studies.

Organism Human

Tissue Cervix

Disease Cervical cancer

Synonyms HeLa-229, HeLa229

Characteristics

Age 31 years

Gender Female

Morphology Epithelial

Growth properties Adherent

Identification

Citation HeLa 229 (ATCC CCL-229) | Cytion 305056

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_1276

Ordering Information

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XXXXXXXXXX

Culture Medium EMEM (MEM Eagle), w: 2 mM L-Glutamine, w: 2.2 g/L NaHCO3, w: EBSS (XXXXXXXXXX Cytion 820100a)

Supplements XXXXX XXXXXXXX 10% FBS, 1% NEAA X-1.0 mM XXXXX XXXXXXXX

Dissociation Reagent XXXXXXXX

Doubling time 26 XXXXX

Subculturing XXXX XX XXXXXXXX XXXXX XXXXXXXX XXXXXXXX XXXXXXXX X-PBS XXX XXXXX XXXXXXXX XXXXX XXXXXXXX T25, XXXXXXXX X-3-5 X" X-PBS, XXXXXXXX XXXXXXXX 3 XXXXX XXXXX XX XXXXXXXX XXXXXXXX, XXXXX XX XXXXXXXX XXXXXXXX XXXXXXXX XXX XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX

Fluid renewal 2 X 3 XXXXXXX XXXXXXX

Freeze medium XXXXXXXX XXXXXXXX XXXXXXXX, XXX XXXXXXXX XXXXXXXX XXXXXXX XXX (XXXXX FBS) + 10% DMSO XXX XXXXXXXX XXXXXXXX XXXXXXX XXXXXXX XXXXXXX, XXX C

Thawing and Culturing Cells

- 1. XXXX XXXXXXXX XXXXX XXXXX XXXXXXXX XXX XXXXXXXX, XXX XXXXXXXX XXXXXXXX XXXXX XXX XXXXXXX XXX XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX
- 2. XX XXXXX XXXXXXXX, XXXXX XX XXXXXXXX XXXXXXXX XXX XXXXXXXX XXXXXXXX XXXXXXXX X-150°C XXX XXXXXXXX XX XXXXXXX XXXXXXX XXXXXXX, XX XXXXXXX
- 3. XXXXXXX XXXXXXX XXXXXXXX, XXXXXXX XX XXXXXXXX XXXXXXXX XX XXX XXXXXXX XXXXXXX XXX XXXXXXXX XXX XXXXXXX XXX XXXXXXX XXX XXXXXXX XXXXXXX
- 4. XXXX XX XX XXXXXXX XXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX, XXXXX XX XXXXXXXX XXXXXXXX XXXXXXXX 70% XXXXX XXXXXXXX
- 5. XXXX XXXXXXXX XX XXXXXXXX XXXXXXXX XXXXXXX XX XXXXXXX XXXXXXX XXXXXXX XXXXXXXX XXXXXXX 15 X" X XXXXXXX 8 X" X XXX XXXXXXX XXXXXXX XXXXXXX
- 6. XXXXXXX XX XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXX XXX XXXXXXX XXXXXXX XXX XXXXXXX, XXXXXXX XXXXXXXX XX XXXXXXX XXXXXXX XXXXXXX XXXXXXX XXXXXXX
- 7. XXXXX XXXXXXXX XX XXXXX XXXXXXX X-10 X" X XX XXX XXXXXXX XXX. XXXXXXX XXXXXXX XXXXXXX, XXXXXXX XX XXXXXXX XXX XXX XXXXXXX XXXXXXX T2
- 8. XXXXXXX XX XXXXXXXX XXX-XXXXXX XXXXXXX XXXXXXX XXXXXXX XXX XXXXXXX, XXX XXXXXXX XXXXXXX XXXXXXX XXXXXXX

Incubation Atmosphere 37°C, 5% CO2, XXXXXXX XXXXX

Product sheet

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Flask Coating

Flask coating is not required for this product.

Freezing Procedure

For freezing, cells should be seeded into a flask and grown to confluence. The medium should be removed and the cells washed with PBS. The cells should then be trypsinized and resuspended in freezing medium. The suspension should be aliquoted into cryovials and stored at -78°C.

Shipping Conditions

Shipping conditions should be -78°C.

Storage Conditions

Storage conditions should be -150 to 196 °C.

HELA 229 / HLA

Sterility

The product is sterile and ready for use in PCR.

The product is sterile and ready for use.