

Product sheet

Colo-205 | 300380

General Information

Description COLO-205 is a cell line derived from a 70-year-old male patient with colorectal adenocarcinoma. The cell line is characterized by its ability to grow in suspension and its sensitivity to various chemotherapeutic agents. It is commonly used in research related to colorectal cancer treatment and drug development.

Organism Human

Tissue Colon, Dukes B

Disease Colorectal adenocarcinoma

Metastatic site Liver

Synonyms Colo 205, CoLo 205, COLO-205, COLO 205, COLO.205, Colo205, COLO205, Co 205, Colorado 205

Cell Line Characteristics

Age 70 years

Gender Male

Morphology Epithelial

Growth properties Adherent

References and Safety

Citation COLO-205 (ATCC CCL-205) Cytion 300380

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_0218

Additional Information

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Thawing and Culturing Cells

1. Thaw the cells in a water bath at 37°C. Do not shake the vial. Transfer the cells to a pre-warmed medium.
2. Centrifuge the cells at 300 x g for 3 minutes. Resuspend the cells in pre-warmed medium.
3. Seed the cells into a pre-warmed flask. Incubate at 37°C with 5% CO₂.
4. Monitor cell growth and confluency. Harvest cells at 70% confluency.
5. Seed cells into a 15 mL flask or an 8 mL flask.
6. Seed cells into a 300 x g flask for 3 minutes.
7. Seed cells into a 10 mL flask.
8. Seed cells into a 10 mL flask.

Incubation Atmosphere 37°C, 5% CO₂, humidified

Flask Coating None

Freezing Procedure Harvest cells and resuspend in freezing medium. Store at -78°C.

Shipping Conditions Store at -78°C.

Storage Conditions Store at -150°C for 196 weeks.

Genotype / HLA

Sterility

PCR genotyping confirmed.

Freezing medium contains antibiotics.

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██████ HLA

A*: '01:01:01, '02:01:01
B*: '07:02:01, '08:01:01
C*: 07:01:01, 07:02:01
DRB1*: 04:01:01, 13:01:01
DQA1*: 01:03:01
DQB1*: 06:03:01
DPB1*: 04:01:01
E: '01:01:01, '01:03