

Product sheet

Colo-824 | 300463

General information

| | |
|------------------------|--|
| Description | Cell line derived from a patient with colorectal cancer. Cells are maintained in DMEM/F12 supplemented with 10% FBS and 10% DMSO. Cells are grown in the presence of 10% DMSO. |
| Organism | Human |
| Tissue | Colon, colorectal cancer |
| Disease | Colorectal cancer |
| Metastatic site | Colorectal cancer |
| Synonyms | COLO-824, COLO 824, Colo 824, COLO #824, COLO824, Colo824, Colorado 824 |

Cell characteristics

| | |
|--------------------------|------------|
| Age | 52 years |
| Gender | Male |
| Ethnicity | White |
| Morphology | Epithelial |
| Growth properties | Adherent |

Identification

| | |
|-----------------------------|--------------------------------------|
| Citation | COLO-824 (Cell Line) Cytion 300463 |
| Biosafety level | 1 |
| NCBI_TaxID | 9606 |
| CellosaurusAccession | CVCL_1136 |

Additional information

Colo-824 | 300463

Thawing and Culturing Cells

1. Thaw the vial quickly in a water bath at 37°C. Do not allow the cells to warm to room temperature. Transfer the cells to a pre-warmed T25 flask containing 10 ml of complete medium.
2. Incubate the cells at 37°C in 5% CO₂ until they reach 70-80% confluency.
3. Pass the cells into a T75 flask when they reach 70-80% confluency.
4. Seed the cells into a T75 flask containing 150 ml of complete medium.
5. Incubate the cells at 37°C in 5% CO₂ until they reach 70-80% confluency.
6. Harvest the cells by trypsinization and centrifugation at 300 x g for 3 minutes.
7. Resuspend the cells in 10 ml of complete medium and seed into a T25 flask.
8. Incubate the cells at 37°C in 5% CO₂ until they reach 70-80% confluency.

Incubation Atmosphere 37°C, 5% CO₂, humidified air

Flask Coating Cell culture medium

Freezing Procedure Harvest cells and resuspend in freezing medium. Store at -80°C.

Shipping Conditions Store at -80°C.

Storage Conditions Store at -150°C for up to 196 months.

Genotype / HLA

Sterility Cells are free of mycoplasmas and PCR detectable viruses.

██████ Colo-824 | 300463

██████ HLA

A*: '01:01:01, '34:02:01

B*: 13:02:01, 44:03:01

C*: 04:01:01, 06:02:01

DRB1*: '07:01:01, '15:03:01G

DQA1*: '01:02:01, '02:01:01

DQB1*: '02:02:01, '06:02:01

DPB1*: '04:01:01, '105:01:01

E: 01:01:01