

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

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

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Thawing and Culturing Cells

1. Thaw the vial rapidly in a water bath at 37°C. Do not allow the vial to touch the bottom of the water bath. Remove the vial from the water bath and transfer the cells to a pre-warmed tube.
2. Centrifuge the cells at 300 x g for 3 minutes at 4°C. Resuspend the cells in 10 ml of pre-warmed medium.
3. Seed the cells into a 15 cm² flask containing 8 ml of pre-warmed medium.
4. Incubate the cells in a humidified CO₂ incubator at 37°C and 5% CO₂.
5. Monitor the cells for attachment and growth. Change the medium after 24 hours.
6. Once the cells are established, passage them into a new flask.
7. For long-term storage, harvest the cells and freeze them in liquid nitrogen.
8. Thaw the cells and reseed them into a new flask.

Incubation Atmosphere 37°C, 5% CO₂, humidified

Flask Coating None

Freezing Procedure Harvest cells and freeze in liquid nitrogen at -78°C.

Shipping Conditions Store at -78°C.

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

Genotype / HLA

Sterility The cells are free of mycoplasmas and PCR detectable. They are also free of endotoxins.

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██████ 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