

C918 C918 | 305109

Description C918 is a cell line derived from a 60-year-old male patient with a primary tumor of the colon. The cell line is characterized by its ability to grow in suspension and its sensitivity to various growth factors. It is a well-established model for studying colorectal cancer biology and drug response.

Organism Human

Tissue Colon

Disease Colorectal adenocarcinoma

Age 60 years

Gender Male

Morphology Epithelial

Growth properties Adherent

Citation C918 (ATCC C918) | 305109

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_8471

Culture Medium RPMI 1640 + 2.0 mM L-glutamine + 2.0 mM NaHCO₃ (ATCC 820700a) + 10% FBS

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Supplements 10% FBS

Dissociation Reagent

Subculturing

Fluid renewal 2-3 times

Freeze medium

Thawing and Culturing Cells

1. Thaw cells in a 37°C water bath.
2. Centrifuge cells at 300 x g for 3 minutes.
3. Wash cells with PBS.
4. Resuspend cells in 70% FBS.
5. Seed cells into a 15 cm² flask.
6. Incubate cells for 8 days.
7. Harvest cells.
8. Store cells.

Incubation Atmosphere 37°C, 5% CO₂

Flask Coating Yes

Freezing Procedure

Freeze cells in a 10% DMSO + 90% FBS medium at -80°C.

Shipping Conditions

Ship cells at -80°C.

