

Product sheet

CCD-18Lu | 305248

General Information

**Description**  
CCD-18Lu is a cell line derived from a human lung adenocarcinoma. It is characterized by its ability to form organoids in vitro and its sensitivity to certain chemotherapeutic agents. The cell line is maintained in DMEM/F12 medium supplemented with insulin, transferrin, selenium, and various growth factors.

**Organism** Human  
**Tissue** Lung  
**Synonyms** CCD 18Lu, CCD-18 Lu, CCD-18 Lu

Characteristics

**Age** 2-17 years  
**Gender** Male  
**Ethnicity** Chinese  
**Morphology** Epithelial  
**Cell type** Adenocarcinoma  
**Growth properties** Organoid forming

Identification

**Citation** CCD-18Lu (ATCC CCL-238) | 305248  
**Biosafety level** 1  
**NCBI\_TaxID** 9606  
**CellosaurusAccession** CVCL\_2380

Additional Information

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**Culture Medium** EMEM (MEM Eagle) 2 mM L-Glutamine-2.2 mM NaHCO3 EBSS ( Gibco 820100a )

**Supplements** 10% FBS

**Dissociation Reagent** Trypsin

**Subculturing** PBS

**Freeze medium** FBS + 10% DMSO

Thawing and Culturing Cells

- 1. ...
- 2. ...
- 3. ...
- 4. ...
- 5. ...
- 6. ...
- 7. ...
- 8. ...

**Incubation Atmosphere** 37 °C

**Flask Coating** ...

**Freezing Procedure** ...

