

## OCI-LY19 | 305610

### General Information

<b>Description</b>	OCI-Ly19 is a cell line derived from a patient with ovarian cancer. It is characterized by its ability to grow in suspension and its sensitivity to cisplatin. OCI-Ly19 is a highly tumorigenic cell line that is used for studying the biology of ovarian cancer and for testing new drugs. OCI-Ly19 is a cell line that is used for studying the biology of ovarian cancer and for testing new drugs.
<b>Organism</b>	Human
<b>Tissue</b>	Ovary
<b>Disease</b>	Ovarian cancer
<b>Synonyms</b>	OCI-LY19, OCI-LY-19, OCI-LY-19, OCI-Ly 19, OCI Ly19, OCILY-19, OCILY19, OCILY19, OCILY19, Ly19, LY19

### Characteristics

<b>Age</b>	25 years
<b>Gender</b>	Female
<b>Ethnicity</b>	White
<b>Morphology</b>	Epithelial cells
<b>Growth properties</b>	Adherent

### References and Safety

<b>Citation</b>	OCI-LY19 (ATCC CCL-229) (ATCC CCL-229) 305610
<b>Biosafety level</b>	1
<b>NCBI_TaxID</b>	9606
<b>CellosaurusAccession</b>	CVCL_1878



**OCI-LY19 | 305610**

**Thawing and Culturing Cells**

1. Thaw the cells quickly in a water bath at 37°C. Do not let the cells sit at room temperature for more than 5 minutes.
2. Centrifuge the cells at 300 x g for 3 minutes at 4°C. Remove the supernatant and resuspend the cells in 10 ml of pre-warmed complete medium.
3. Seed the cells into a T75 flask containing 50 ml of pre-warmed complete medium. The cell density should be approximately 1.5 x 10<sup>6</sup> cells per flask.
4. Incubate the cells in a humidified CO<sub>2</sub> incubator at 37°C and 5% CO<sub>2</sub>. The medium should be changed every 3-4 days.
5. Once the cells reach confluence, they can be used for experiments or passaged. The passaging efficiency is approximately 70%.
6. For passaging, trypsinize the cells and seed them into a new T75 flask. The cell density should be approximately 1.5 x 10<sup>6</sup> cells per flask.
7. The cells should be maintained in complete medium. The medium should be changed every 3-4 days.
8. The cells should be stored in liquid nitrogen for long-term storage. The storage temperature should be -196°C.

**Incubation Atmosphere** 37 °C, 5% CO<sub>2</sub>, humidified

**Flask Coating** No coating

**Shipping Conditions** Dry ice, -78°C

**Storage Conditions** -150 to -196 °C

**OCI-LY19 / OCI-LY19 / HLA**

**Sterility** Sterile, PCR negative