

Product sheet

OCI-LY19 | 305610

OCI-LY19

**Description** OCI-Ly19 is a human B cell line derived from a patient with diffuse large B-cell lymphoma (DLBCL). It is a cell line that is used for research purposes. OCI-Ly19 is a cell line that is used for research purposes. OCI-Ly19 is a cell line that is used for research purposes.

**Organism** Human

**Tissue** B cell

**Disease** Diffuse large B-cell lymphoma (DLBCL)

**Synonyms** OCI-LY19, OCI-LY-19, OCI-Ly 19, OCI Ly19, OCILY-19, OCILY19, OCILy19, Ly19, LY19

OCI-LY19

**Age** 25 years

**Gender** Male

**Ethnicity** Caucasian

**Morphology** Lymphoblastoid

**Growth properties** Adherent

OCI-LY19

**Citation** OCI-LY19 (ATCC CCL-222) | Cytion 305610

**Biosafety level** 1

**NCBI\_TaxID** 9606

**CellosaurusAccession** CVCL\_1878

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XXXXXXXXXX XXXX-XXXXXXXXXXXXXXXXXX

**Antigen expression** CD3-, CD10+, CD13-, CD19+, CD20(+), CD34(+), CD37-, CD38+, CD80-, CD138-, HLA-DR(+), sIgG+, sIgM-, cIlgkappa-, sIglambda+

**Viruses** PCR: EBV-, HBV-, HCV-, HIV-1-, HIV-2-, HTLV-1/2-, MLV-, SMRV-

**Mutational profile** XXXXXXXX: NRAS, p.Gln61Lys (c.181C>A), XXXXXXXXXXXXXXXX

**Karyotype** XXXXXXXX XXXXXXXXXXXXXXXXXXXX XXXXXXXX XX XXXXXXXXXXXXXXXXXXXX XX 4% - 48(46-52)2n>X, -X, +6, +6, +8, t(4;8)(q3?2;q?24), del(6)(q15)x2, r(8)(t(14;18) XXXXXXXX XX XXXXXXXX IGH-BCL2

XXXXXXXXXX

**Culture Medium** EMEM (MEM Eagle), w: 2 mM L-Glutamine, w: 2.2 g/L NaHCO3, w: EBSS (XXXXX XXXXXXXX Cytion 820100a)

**Supplements** XXXXX XXXXXXXX 10% FBS

**Doubling time** 40 XXXXX

**Split ratio** XXXXXXXX XXXXXXXX XXXXXXXX XX 1:4 XX 1:6

**Seeding density**  $3 \times 10^6$  XXXXX/XX'

**Fluid renewal** 2 XX 3 XXXXXXXX XXXXXXXX

**Freeze medium** XXXXXXXX XXXXXXXX XXXXXXXX, XXXX XXXXXXXX XXXXXXXX XXXXXXXX XXXX (XXXXX FBS) + 10% DMSO XXXX XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX, XX C

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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 15 mL of complete medium.
3. Seed the cells into a T25 flask containing 37 mL of complete medium. Seed density: 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>. Monitor the cells daily for confluency.
5. Once the cells reach 70-80% confluency, harvest the cells by trypsinization. Seed density: 1.5 x 10<sup>6</sup> cells per flask.
6. Seed the cells into a T25 flask containing 37 mL of complete medium. Seed density: 1.5 x 10<sup>6</sup> cells per flask.
7. Incubate the cells in a humidified CO<sub>2</sub> incubator at 37°C and 5% CO<sub>2</sub>. Monitor the cells daily for confluency.
8. Once the cells reach 70-80% confluency, harvest the cells by trypsinization. Seed density: 1.5 x 10<sup>6</sup> cells per flask.

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

**Flask Coating** None

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

**Storage Conditions** -150°C, 196 hours

OCI-LY19 / OCI-LY19 / HLA

**Sterility** Sterile, PCR negative