

OE19 | 305441

Cell Line

Description	OE19 is a cell line derived from a patient with a rare form of cancer. It is characterized by its high proliferation rate and its ability to form tumors in xenograft models. OE19 cells are highly sensitive to certain chemotherapeutic agents, making them a valuable model for studying drug response and resistance mechanisms. OE19 cells are derived from a patient with a rare form of cancer, and they exhibit a high degree of genetic heterogeneity. OE19 cells are highly sensitive to certain chemotherapeutic agents, making them a valuable model for studying drug response and resistance mechanisms.
Organism	Human
Tissue	Epithelial
Disease	Cancer
Synonyms	OE-19, JROECL 19, JROECL19, OEC19

Cell Line Characteristics

Age	72 years
Gender	Male
Ethnicity	Chinese
Morphology	Epithelial cells
Growth properties	High proliferation rate

Cell Line Identification

Citation	OE19 (Cell Line) Cytion 305441
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1622

Cell Line Source

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Mutational profile TP53, p.Asn310Lysfs*27 (c.929dup) (c.929_930ins1),

Culture Medium RPMI 1640, w: 2.0 mM , w: 2.0 g/L NaHCO₃ (Cytion 820700a)

Supplements 10% FBS

Dissociation Reagent Accutase, 10 , 37°C

Doubling time 50-60

Split ratio 1:8.

Seeding density 2 x 10⁵ /

Freeze medium , (FBS) + 10% DMSO

Thawing and Culturing Cells

1. ,
2. , -150°C
3. , 37
4. , 70%
5. 15 8
6. -300 x g 3
7. -10 10 T2
8. ,

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**Incubation
Atmosphere**

37°C, 5%_{CO2}, H_2

Flask Coating

Yes

**Shipping
Conditions**

Shipped in dry ice, stored at -78°C

**Storage
Conditions**

Store at -150 to -196 °C

Cell Culture Media

Sterility

Cell Culture Media is sterile and ready to use. PCR products are sterile and ready to use. Cell Culture Media is sterile and ready to use. Cell Culture Media is sterile and ready to use.