

## OE19 | 305441

**Description** OE19 is a cell line derived from a 72-year-old female patient with a diagnosis of osteosarcoma. The cell line is characterized by its ability to form osteoid matrix in vitro and its sensitivity to bisphosphonates. It is a highly proliferative cell line that can be maintained in long-term culture. The cell line is derived from a primary tumor and is representative of the disease. It is a highly proliferative cell line that can be maintained in long-term culture. The cell line is derived from a primary tumor and is representative of the disease.

**Organism** Human

**Tissue** Bone

**Disease** Osteosarcoma

**Synonyms** OE-19, JROECL 19, JROECL19, OEC19

**Age** 72

**Gender** Female

**Ethnicity** Caucasian

**Morphology** Epithelial

**Growth properties** Adherent

**Citation** OE19 (ATCC CCL-222) Cytion 305441

**Biosafety level** 1

**NCBI\_TaxID** 9606

**CellosaurusAccession** CVCL\_1622

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

**Culture Medium** RPMI 1640 2.0 2.0 NaHCO3 (820700a)

**Supplements** 10% FBS

**Dissociation Reagent** 10 37

**Doubling time** 50-60

**Seeding density** 2 x 10<sup>4</sup> - 5 x 10<sup>5</sup>

**Freeze medium** (10% FBS) + 10% DMSO

- 1. Thawing and Culturing Cells
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.

**Incubation Atmosphere** 37

