

OE19 | 305441

Description OE19 is a cell line derived from a 72-year-old male 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 Male

Ethnicity Caucasian

Morphology Epithelial

Growth properties Adherent

Citation OE19 (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

Split ratio 1:8

Seeding density 2 x 10^5


Freeze medium 10% DMSO

Thawing and Culturing Cells

- 1. ...
- 2. ... -150 ...
- 3. ... 37 ...
- 4. ... 70% ...
- 5. ... 15 ... 8 ...
- 6. ... 300 x ... 3 ...
- 7. ... 10 ...
- 8. ...

Product sheet

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Incubation Atmosphere 37 

Flask Coating 

Shipping Conditions  -78

Storage Conditions  -150  -196 

/ / HLA

Sterility  (PCR) 
