

U2OS | 300364

Description

U2OS is a cell line derived from a human osteosarcoma. It is a highly proliferative, immortalized cell line that is widely used in research. U2OS cells are derived from a human osteosarcoma (OS) and are characterized by their ability to grow in suspension culture. U2OS cells are a derivative of the U2 sarcoma cell line, which was established in 1973. U2OS cells are a derivative of the U2 sarcoma cell line, which was established in 1973. U2OS cells are a derivative of the U2 sarcoma cell line, which was established in 1973.

Organism *Homo sapiens*

Tissue *Osteosarcoma*

Disease *Osteosarcoma*

Synonyms U-2 OS, U-2, U-2 OS, U-2, U-2 OS, U-2, U-2 OS, U-20, U-20, U-20, U-2

Age 15 days

Gender Male

Ethnicity Caucasian

Morphology Adherent

Growth properties Adherent

Citation U2OS (ATCC CRL-2191) (300364)

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_0042

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Receptors expressed	IGF1R (IGF-I) IGF2R (IGF-II) IGF1R (IGF-I) IGF2R (IGF-II)
Antigen expression	A + HLA A2 AW30 B12 Bw35 B40(+/-)
Isoenzymes	PGM3 1 PGM1 2 ES-D 1 AK-1 1 GLO-1 2 G6PD B 0.0082
Products	ODGF
Karyotype	(11-46) (111-118) 34 37 64 67
Culture Medium	DMEM: DMEM:Ham's F12 (1:1) 3.1 2.5 15 (15)
Supplements	10 FBS
Dissociation Reagent	
Subculturing	PBS
Seeding density	1×10^4
Fluid renewal	2 3
Freeze medium	(FBS) + 10% DMSO

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Thawing and Culturing Cells

1. [Redacted]
2. [Redacted]
3. [Redacted]
4. [Redacted]
5. [Redacted]
6. [Redacted]
7. [Redacted]
8. [Redacted]

Incubation Atmosphere 37 [Redacted]

Flask Coating [Redacted]

Freezing Procedure [Redacted]

Shipping Conditions [Redacted]

Storage Conditions [Redacted]

/ / HLA

Sterility [Redacted]

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HLA **A***: '02:01:01, '32:01:01
 B*: '44:02:01, '44:27:01
 C*: '05:01:01, '07:04:01
 DRB1*: '09:01:02, '14:54:01
 DQA1*: '01:04:01, '03:02:01
 DQB1*: '03:03:02, '05:03:01
 DPB1*: '02:01:02, '04:01:01
 E: '01:01:01