

U2OS | 300364

<b>Description</b>	U2OS	U2OS	U2OS	U2OS	in vivo	U2OS	in vivo
--------------------	------	------	------	------	---------	------	---------

**Organism**

**Tissue**

**Disease**

<b>Synonyms</b>	U-2	U-2	U-2	U2	U20-S	U2OS	2T
-----------------	-----	-----	-----	----	-------	------	----

<b>Age</b>	15
------------	----

**Gender**

**Ethnicity**

**Morphology**

**Growth properties**

<b>Citation</b>	U2OS (Cytion	300364)
-----------------	--------------	---------

<b>Biosafety level</b>	1
------------------------	---

<b>NCBI_TaxID</b>	9606
-------------------	------

<b>CellosaurusAccession</b>	CVCL_0042
-----------------------------	-----------

U2OS | 300364

<b>Receptors expressed</b>	I IGF-I	II IGF-I	ODGF
----------------------------	---------	----------	------

<b>Antigen expression</b>	A Rh+ HLA A2 Aw30 B12 Bw35 B40(+/-)
---------------------------	-------------------------------------

<b>Isoenzymes</b>	PGM3 1 PGM1 2 ES-D 1 AK-1 1 GLO-1 2 G6PD B	0.0082
-------------------	--	--------

<b>Products</b>	ODGF
-----------------	------

<b>Karyotype</b>	(P11-46) 4 (P111-118) 34 37 64 67 2
------------------	-------------------------------------

<b>Culture Medium</b>	DMEM:Ham's F12 (1:1) w: 3.1 g/L	w: 2.5 mM L-	w: 15 mM HEPES	w: 0.5 mM	w: 1.2 g/L NaHCO3 (Cyt)
-----------------------	---------------------------------	--------------	----------------	-----------	-------------------------

<b>Supplements</b>	10% FBS
--------------------	---------

<b>Dissociation Reagent</b>	
-----------------------------	--

<b>Subculturing</b>	PBS	T25	3-5ml T75	5-10ml PBS	T25	1-2m
---------------------	-----	-----	-----------	------------	-----	------

<b>Seeding density</b>	$1 \times 10^4 / \text{cm}^2$
------------------------	-------------------------------

<b>Fluid renewal</b>	2 3
----------------------	-----

<b>Freeze medium</b>	FBS	10 DMSO	CM-1
----------------------	-----	---------	------

U2OS | 300364

**Thawing and Culturing Cells**

- 1.
2. -150 3
3. 37 40 60
4. 70
5. 8ml 15ml
6. 300 x g 3
7. 10ml 2 T25 1
- 8.

**Incubation Atmosphere** 37 5% CO<sub>2</sub>

**Flask Coating**

**Freezing Procedure** -78

**Shipping Conditions**

-78

**Storage Conditions** -150 -196 80

**HLA**

**Sterility** PCR

U2OS | 300364

---

**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