

U2OS | 300364

Description	U2OS		U2OS	U2OS
		U2OS		
	U2OS	OS	U2OS	
	U2OS			

Organism

Tissue

Disease

Synonyms	U-2 OS, U-2OS, U-2-OS, U2-OS, U20-S, U20S, 2T
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Age	15
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Gender

Ethnicity

Morphology

Growth properties

Citation	U2OS Cytion 300364
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Biosafety level	1
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NCBI_TaxID	9606
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CellosaurusAccession	CVCL_0042
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Receptors expressed	I (IGF-I)	II (IGF-I)	(ODGF)
Antigen expression	A Rh+ 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	(P11-46)	(P111-118)	34 37 64 67
Culture Medium	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 Cytion
Supplements	10% FBS		
Dissociation Reagent	Accutase		
Subculturing		PBS T25 3-5	PBS T75 5-10 Accutase T25 1-2 T75 2.5
Seeding density	1 × 10 ⁴ /		
Fluid renewal	2 3		
Freeze medium	FBS +10% DMSO	CM-1 Cytion	800100 CM-1 Cytion 800100

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**Thawing and
Culturing Cells**

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

Incubation Atmosphere 37°C, 5% CO₂

Flask Coating

Freezing Procedure -78 °C

Shipping Conditions -78 °C

Storage Conditions -150 -196 -80 °C

/ /HLA

Sterility PCR

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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