

SaOS-2 | 300331

Receptors expressed	EGF	β 1	2
----------------------------	-----	-----	---

Antigen expression	B Rh+ HLA A2 A3 Bw16 Bw47
---------------------------	---------------------------

Isoenzymes	Me-2 1 PGM3 1-2 PGM1 1-2 ES-D 2 AK-1 1 GLO-1 2 G6PD B	0.0002
-------------------	---	--------

Tumorigenic	
MSI-status	MSS

Karyotype	4	1	56	2S	13.2	3	2
------------------	---	---	----	----	------	---	---

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	
-----------------------------	--

Doubling time	35	40
----------------------	----	----

Subculturing	PBS	T25	3-5ml T75	5-10ml PBS	T25	1-2m
---------------------	-----	-----	-----------	------------	-----	------

Split ratio	1	2	1	4
--------------------	---	---	---	---

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

Fluid renewal	2	3
----------------------	---	---

Post-Thaw Recovery	
---------------------------	--

Freeze medium	FBS	10	DMSO	CM-1
----------------------	-----	----	------	------

SaOS-2 | 300331

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	
8.				

Incubation Atmosphere 37 5% CO₂

Flask Coating

Freezing Procedure -78

Shipping Conditions -78

Storage Conditions -150 -196 80

HLA

Sterility PCR

SaOS-2 | 300331

STR

- CSF1PO:** 10
- D13S317:** 12 13
- D16S539:** 12 13
- D5S818:** 12
- D7S820:** 8.1
- TH01:** 6,9
- TPOX:** 8
- vWA:** 18
- D3S1358:** 14 18
- D21S11:** 28.3
- D18S51:** 15
- Penta E:** 14,19
- Penta D:** 11 12
- D8S1179:** 10 12
- FGA:** 22,25

HLA

- A*:** '02:01:01, '24:02:01
- B*:** '13:02:01, '44:27:01
- C*:** '06:02:01, '07:04:01
- DRB1*:** '11:04:01, '12:01:01
- DQA1*:** '05:05:01
- DQB1*:** '03:01:01
- DPB1*:** '02:01:02, '04:01:01
- E:** '01:01:01, '01:03:01