

- | 300644

Description

hMSCs
hMSCs
hMSCs

Organism

Tissue Amnion

Applications

Age

Gender

Ethnicity

Morphology 5 2%

Cell type

Growth properties

Citation Cytion 300644

Biosafety level 1

NCBI_TaxID 9606

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Antigen expression	CD73/CD90/CD105				CD14/CD34/CD45/HLA-DR				P2-P3				ISCT		
Viruses	HBV	PCR	PCR	HIV-1/2	IFA	HBV	HCV	HSV1	HSV2	CMV	EBV	HHV6			
Culture Medium	MEM	2.0 mM	2.0 mM	2.0 mM							1.0	2.2	/	NaHCO ₃	
Supplements	10% FBS 2 ng/mL bFGF														
Dissociation Reagent	-EDTA														
Subculturing	PBS				PBS5%				2-3	/EDTA	T25	1	T75	3	37°C
Seeding density	1 3×10 ⁴ /														
Fluid renewal	24	2 3													
Freeze medium	80% FBS + 10%				+ 10% DMSO				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