

- | 300645

Description
hMSCs
hMSC
hMSC
hMSC
in vitro ⁶
in vitro
in vitro
hMSC

Organism

Tissue

Applications

Age

Gender

Ethnicity

Morphology	5	2
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Cell type

Growth properties

Citation	(Cytion 300645)
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Biosafety level	1
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NCBI_TaxID	9606
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Product sheet

- | 300645

Antigen expression	CD73/CD90/CD105	CD14/CD34/CD45/HLA-DR	MSC P2 P3
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Viruses HBV PCR Treponema pallidum PCR HIV-1/2 IFA HBV HCV HSV1 HSV2 CMV EBV HHV6 Toxoplasma gondii
pallidum Chlamydia trachomatis Ureaplasma urealyticum Ureaplasma parvum

Culture Medium	αMEM w: 2.0mM	w/o	w/o	, w: 1.0 mM	, w: 2.2g/L NaHCO3
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Supplements 10% FBS 2 ng/mL bFGF

Dissociation Reagent	-EDTA
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Subculturing PBS PBS_{CO2} 2 3 Trypsin/EDTA T25

Seeding density	1 3×10 ⁴ /cm ²
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Fluid renewal 24 2 3

Freeze medium	80 FBS 10	10 DMSO	CM-1 Cytion	800
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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%
CO₂

Flask Coating

Freezing Procedure

-78

Shipping Conditions

-78

Storage Conditions

-150 -196

80

Sterility

PCR