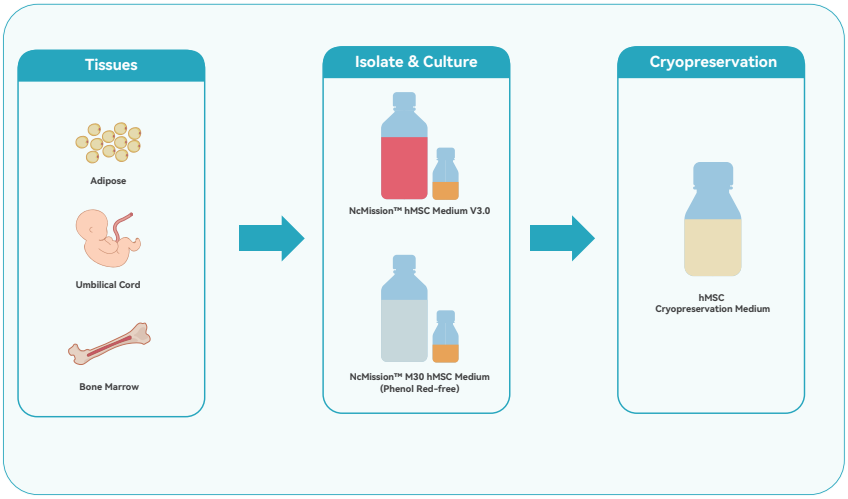
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Better Cells · Better Health

Simple, Efficient, Stable Product System for Human MSC



Simple,
passage every 3 days, suitable for various tissues.

Efficient,
primary cell isolation time is shorter, and the cell yield level is more efficient.

Stable,
MSC remain stable flow express level and genome after more than 5 passages.

- √ **GMP Compliant Manufacture**;
- √ **FDA Drug Master File (DMF) Available**;
- √ **IND Support**: Successfully supported multiple IND-approved for hMSC therapy;
- √ **Extensive Clinical Track Record**: Utilized in thousands of clinical trial applications for hMSC therapies.

Shownin hMSC Product System

Product	Cat. No.	Amount
NcMission™ hMSC Medium V3.0	RP02010	1 kit (500 mL)
NcMission™ M30 hMSC Medium (Phenol Red-free)	SN-02-0030	1 kit (500 mL)
hMSC Cryopreservation Medium	SN-06-1310	50 mL
MICROCARRIER FOR CELL CULTURE	SN-02-2010	

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MSC Culture Medium

FDA Drug Master File (DMF No. [043230])

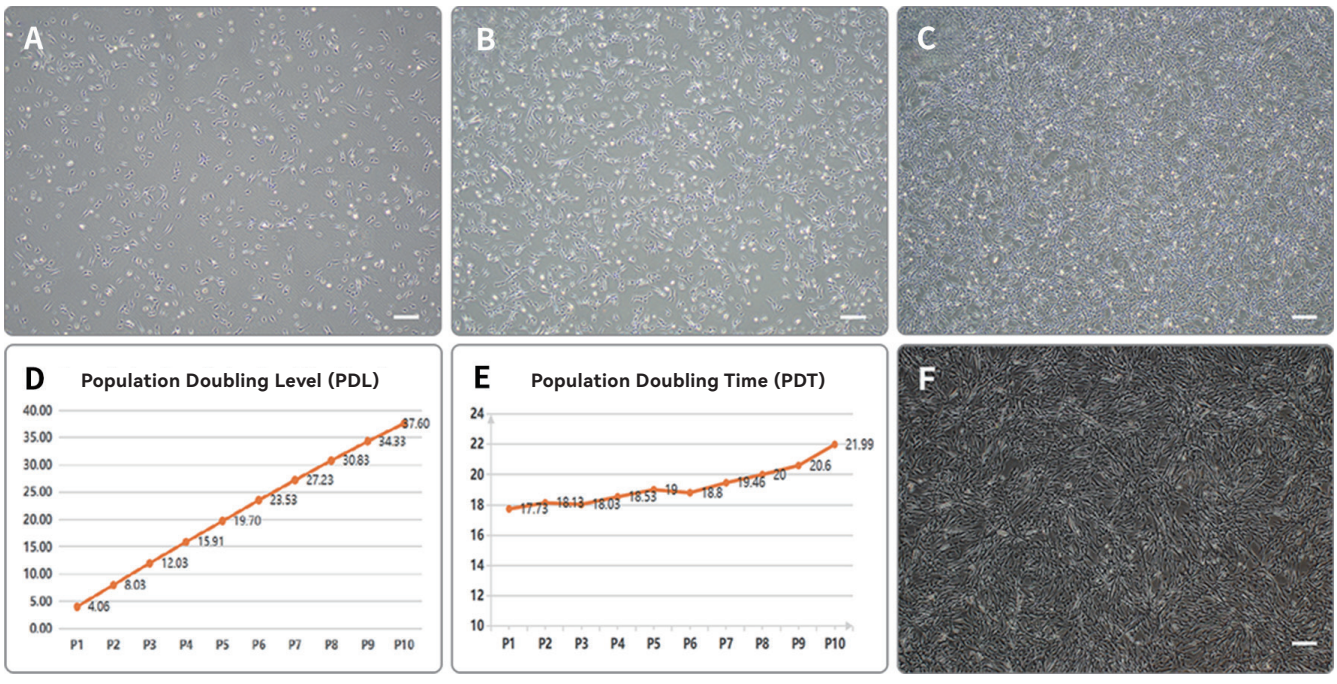


MSC Culture Medium is a GMP-compliant medium specifically formulated for human mesenchymal stem cells (hMSCs).

- √ Suitable for various tissues, and iPSC-MSC;
- √ Suitable for both 2D and 3D Expansion;
- √ Cell fold more than 15 times in 72 hours, Cell doubling time less than 20 hours;
- √ 1×T225 harvest 2.5E7 cells, cs10 harvest 8E8 cells;
- √ 50L bioreactor harvest more than 5E10 cells;
- √ EVs expression can reach to 1E10/mL in NcMission (culture 3 days);
- √ HGF expression can reach 20000-50000 pg/mL in NcMission (culture 3 days).

Product	Cat. No.	Amount	Quantity
NcMission™ hMSC Medium V3.0	RP02010	500 mL	1
NcMission™ M30 hMSC Medium (Phenol Red-free)	SN-02-0030	500 mL	1

Isolation of Adipose Tissue



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hMSC Cryopreservation Medium

Cat. No. SN-06-1310

hMSC Cryopreservation Medium (SN-06-1310) is a serum-free and xeno-free cryopreservation medium that can support the efficient cryopreservation of variously sourced hMSC. This is a ready-to-use, safe and efficient cryopreservation medium with low DMSO content.

- √ Pre-formulated;
- √ Serum-free, Xeno-free;
- √ GMP Compliant Manufacture;
- √ Pharmaceutical grade components;
- √ Low DMSO content;
- √ Ready to use.



Product	Cat. No.	Amount	Quantity
hMSC Cryopreservation Medium	SN-06-1310	50 mL	1

Cryopreservation and Post-thaw Performance

- Serum-Free
- Xeno-free
- Cell viability ≥90%
- Support the efficient cryopreservation of variously sourced MSC
- Completed the safety evaluation of adjuvants for cell drug preparations
- Facilitated the R&D and clinical translation of multiple drugs

After frozen-thawing the cell

- Cell viability**≥90%**
- Live cell recovery**≥90%**
- Expression of protein **remains unchanged** after thawing

After freezing long term (> 6 months)

- Cell viability**≥90%**
- Live cell recovery**≥90%**
- Expression of protein **remains unchanged** after thawing

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Microcarrier For Cell Culture

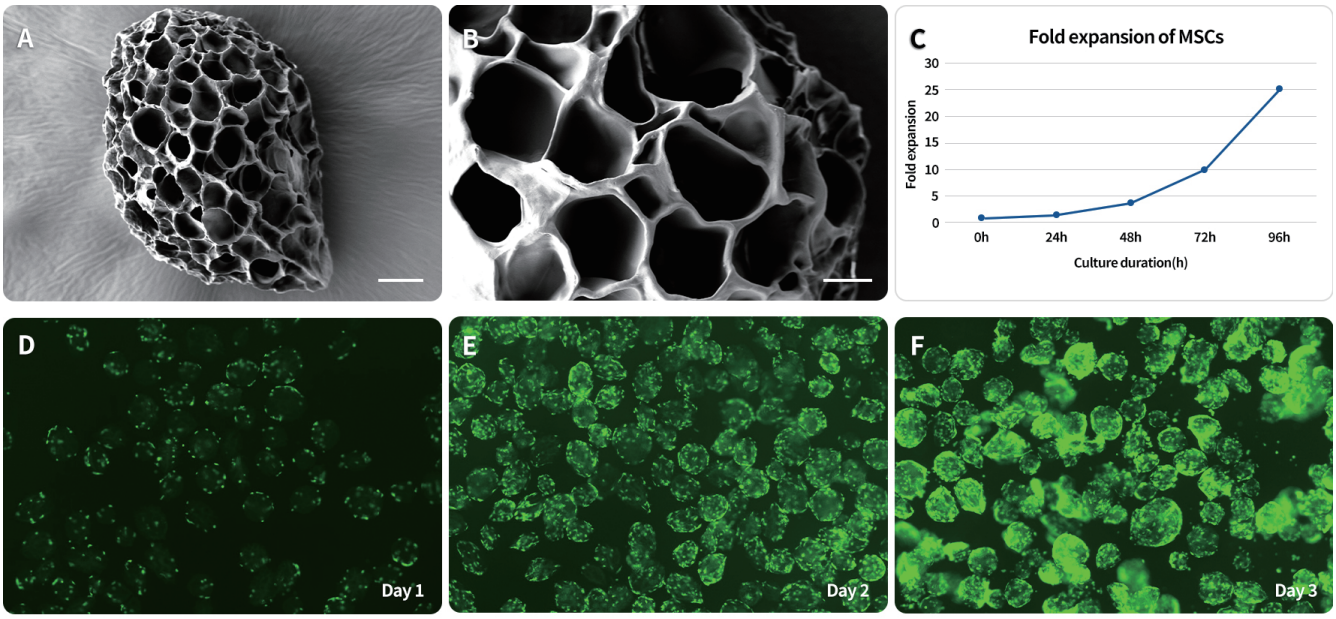
Cat. No. SN-02-2010

Microcarrier for Cell Culture (SN-02-2010) is specifically designed for the efficient expansion of mesenchymal stem cells (MSCs). It features native cell adhesion sites and a unique elastic porous microsphere structure with porosity >90%, providing a highly biomimetic 3D growth environment that supports cell attachment and growth inside the microspheres.



- **3D Biomimetic Structure**: Biomimetic 3D culture enableshigh-density cell growth;
- **Nondamaging Harvest & Scalability**: Combined with a dedicated lysis buffer, it allows **nearly 100%** nondamaging cell harvest and supports scalable expansion;
- **Customization**: Uniform and controllable particle size (50–450 μm), with customizable dosages and formats available;
- Ready-to-Use: Sterilely packaged and requires no pre-treatment.

Isolation of Adipose Tissue



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