

Mesenchymal Stem Cell Expansion Medium

Product Overview:

N112 Mesenchymal Stem Cell Expansion Medium is a newly developed and optimized animal serum-free, xenoprotein-free, and platelet lysate-free defined medium specifically designed for the culture of human mesenchymal stem cells (MSCs). This medium requires no pre-coating treatment (with defined cell adhesion matrix components).

It supports stable in vitro primary and passaged culture/expansion of MSCs, including low-density seeding (2000 cells/cm²) for expansion. Additionally, it retains MSC surface markers and differentiation potential (e.g., osteogenesis, adipogenesis, chondrogenesis) after multiple passages.

Product Features:

- Defined formulation
- No pre-coating required for culture vessels, suitable for large-scale in vitro MSC culture and expansion
- **Free of animal serum, xenoproteins, and human platelet lysate**

Product information

Name	Product No.	Volum	Storage	
Basic Medium	N112-500	500 ml	2-8°C, no light	
MSC enhancer	N112-E005	0.5 ml (1000x)	-20°C	
MSC growth factor	N112-F020	20 ml (26x)	-20°C	