

CiMS™-U

for Human Mesenchymal Stromal Cells (hMSCs)

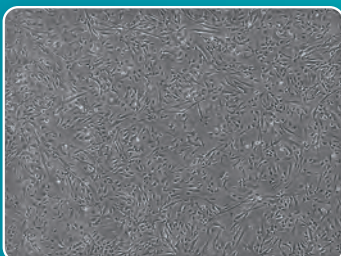


Basal Medium

CiMS-U/BM

Animal-free
Supplement

CiMS-U/sAF



- Optimized for umbilical cord-derived hMSCs
- No pre-coating required
- Compatible with hMSCs of various origins

CiMS™-U/BM

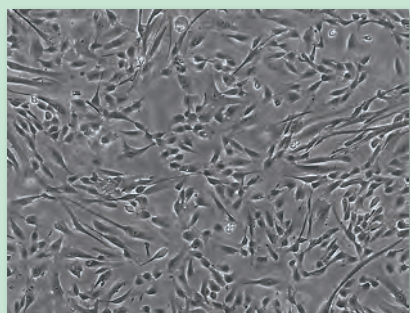
CiMS™-U/sAF

- CiMS-U is optimized for umbilical cord-derived hMSCs. But we have also confirmed the sufficient proliferation capacity of hMSCs from adipose tissue and bone marrow.
- CiMS-U is comprised of the basal medium (CiMS-U/BM) and the supplement (CiMS-U/sAF). The components of CiMS-U are Animal-free.
- CiMS-U allows hMSCs to be cultured in an undifferentiated state without pre-coating.

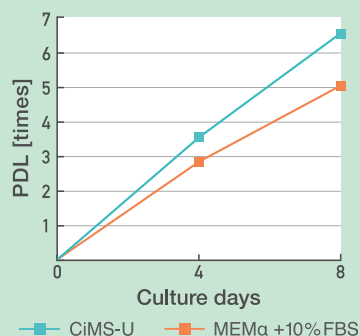
Animal-free: animal derived component-free



1. Cell morphology (hMSCs from adipose tissue)



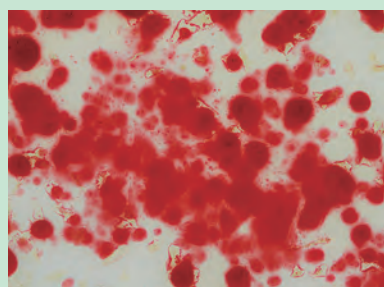
2. Robust proliferation



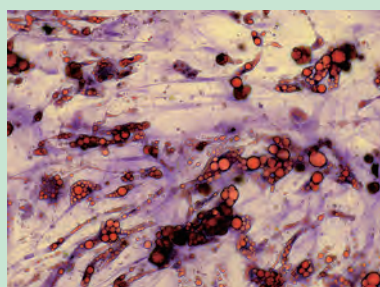
3. MSC marker expression

Marker	Expression (%)
CD34	0.18
CD45	0.12
CD73	99.72
CD90	99.74
CD105	99.82

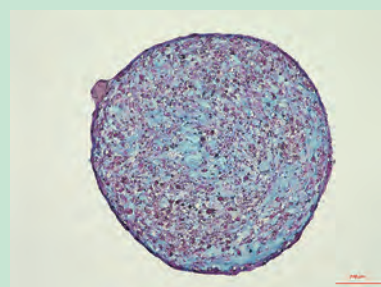
4. Multiple lineage differentiation potential



Alizarin Red S



Oil Red O



Alcian Blue

Code(CSTI/NIPRO)	Product Name	Description	Strage	Volume
A2J10P05C / 87-073	CiMS-U/BM	Basal Medium for hMSCs	2-8°C	500mL (P)
A2J20P1CC / 87-074	CiMS-U/sAF	Animal-free Supplement for CiMS-U/BM	below -20°C	10mL (P)

(P) PET bottle

*For Research use only.



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