

CellCor™ CD MSC

Human Mesenchymal Stem Cells



Ideal Culture Medium

It is important to select an appropriate medium since it can affect cell properties. CellCor™ CD MSC is the most ideal product to control culture conditions as it consists of chemically defined components.



Stable Maintenance

CellCor™ CD MSC shows superior proliferation until late passages and stable stemness (Tri-lineage differentiation and expression of MSC markers) in addition to low senescence and genetic stability.



Universal Use

CellCor™ CD MSC can be used for various tissue-derived MSCs (Adipose tissue, Bone marrow, Umbilical cord, and Wharton's jelly, etc.), and is ideal for exosome research.

Product Overview

Product (Formulation)	CellCor™ CD MSC Chemically Defined (Recombinants/Synthetics)
Catalog	YSP002
Application	Cell culture and expansion
Cell Type	Human Mesenchymal Stem Cells (MSCs)
Storage	Under -20°C (Expiry date on label)
Supplement	No supplement and coating reagent
Size	500 mL (Custom packaging available)
Area	For Research and Further Manufacturing Use



MSC Stemness

Superior & Standard Stem Cell Characterization

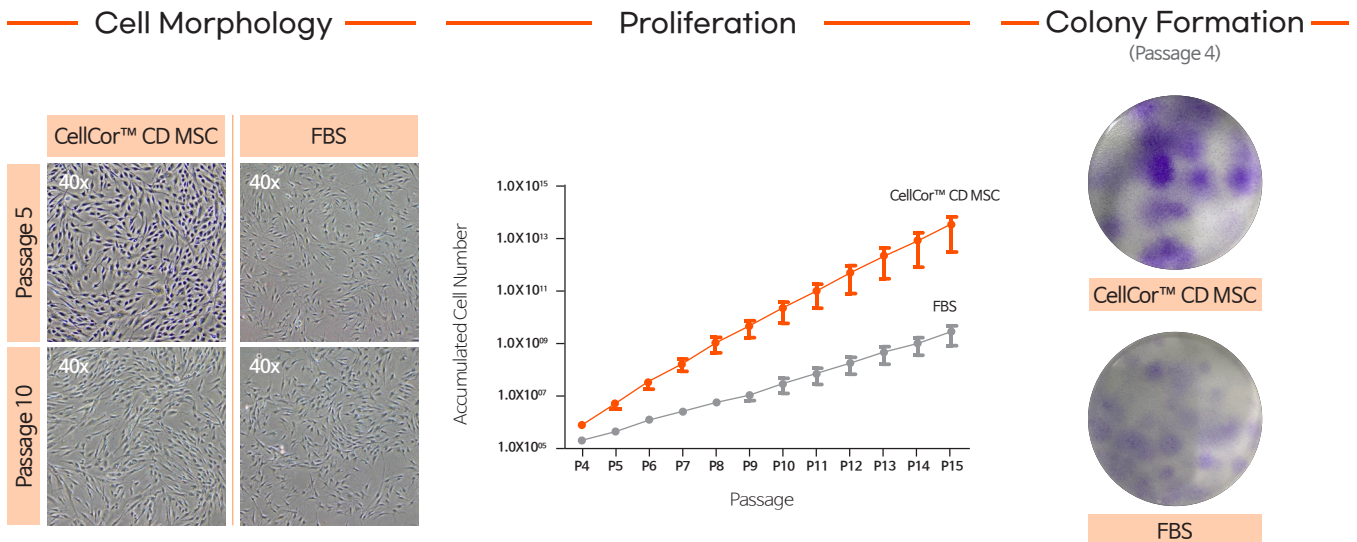


Figure 1. Superior Proliferation

AdMSCs cultured with CellCor™ CD MSC shows typical cell morphology, superior proliferation, and superior colony formation. (CellCor™ CD MSC : Chemically Defined Medium, FBS : FBS Containing Medium)

* Reference : Humana Press, 2008. 83-91

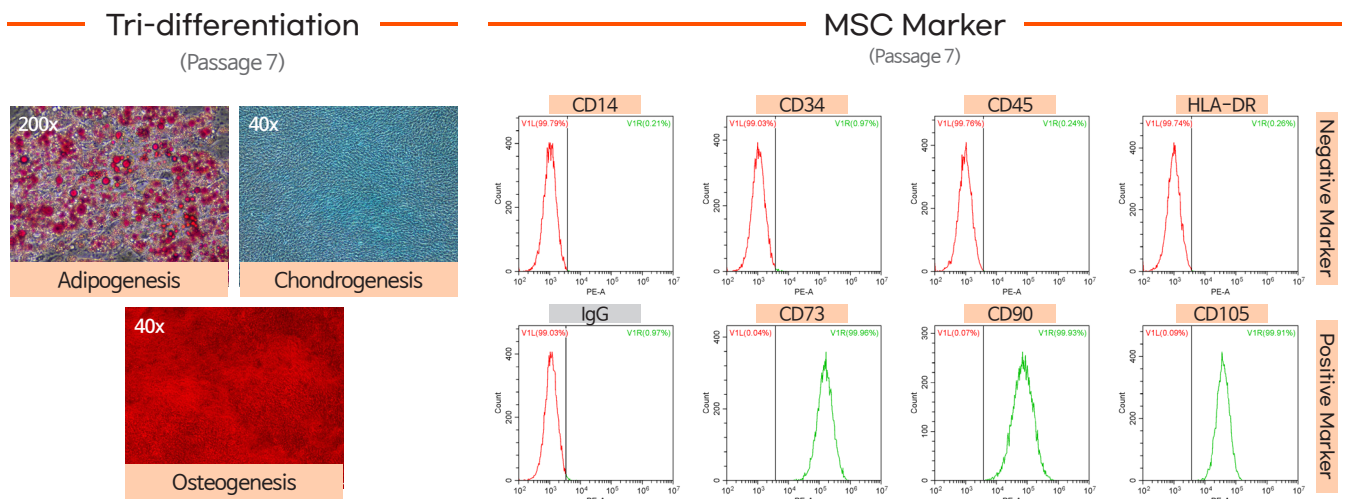


Figure 2. Stable MSC characterization

AdMSCs cultured with CellCor™ CD MSC maintains stemness : tri-lineage differentiation (adipogenesis, chondrogenesis, and osteogenesis) and MSC specific marker. (CD14, CD34, CD45, HLA-DR, CD73, CD90, and CD105) (Passage 7)

* Reference : Cytotherapy,21(10), 1019-1024