

Procell

Induced Differentiation Media

Optimized Formulation for Enhanced Differentiation Efficiency

Product Features



Shorter Processing Time

Reduces the time required for osteogenic, adipogenic, and chondrogenic differentiation



Enhanced Efficiency

Significantly improves cell differentiation into osteogenic, adipogenic, and chondrogenic lineages



Stable Performance

Proven through long-term testing to provide consistent and reliable differentiation



Contamination-free

Free from bacteria, fungi, mycoplasma, bacteriophages, and other contaminants, with low endotoxin levels

Featured Experimental Results

	Osteogenic Differentiation (14 d)	Adipogenic Differentiation (14 d)	Chondrogenic Differentiation (21 d)
Procell			
Brand A			
	Alizarin Red Staining, 100 ×	Oil Red O Staining, 200 ×	Alcian Blue Staining, 100 ×

Compared with Brand A reagents, Rat Bone Marrow Mesenchymal Stem Cells treated with corresponding Procell reagents showed higher differentiation efficiency, including larger, more abundant lipid droplets; more pronounced calcified nodules; and improved cartilage staining.

Featured Product Lists

Osteogenic Differentiation Media

Product Name	Cat. No.	Size
Rat Bone Marrow Mesenchymal Stem Cells Osteogenic Differentiation Medium	PD-008	200 mL
Mouse Bone Marrow Mesenchymal Stem Cells Osteogenic Differentiation Medium	PD-003	200 mL
Human Bone Marrow Mesenchymal Stem Cells Osteogenic Differentiation Medium	PD-014	200 mL

Adipogenic Differentiation Media

Product Name	Cat. No.	Size
Human Adipose-derived Mesenchymal Stem Cells Adipogenic Differentiation Medium	PD-006	400 mL
Human Bone Marrow Mesenchymal Stem Cells Adipogenic Differentiation Medium	PD-016	400 mL
Human Umbilical Cord Mesenchymal Stem Cells Adipogenic Differentiation Medium	PD-019	400 mL
3T3-L1 (Mouse embryonic fibroblasts) Adipogenic Differentiation Medium	PD-031	400 mL

Chondrogenic Differentiation Media

Product Name	Cat. No.	Size
Human Bone Marrow Mesenchymal Stem Cells Chondrogenic Differentiation Medium	PD-015	100/200 mL
Human Umbilical Cord Mesenchymal Stem Cells Chondrogenic Differentiation Medium	PD-018	100/200 mL
Human Adipose-derived Mesenchymal Stem Cells Chondrogenic Differentiation Medium	PD-020	100/200 mL



Human Bone Marrow Mesenchymal Stem Cells
Osteogenic Differentiation Medium (PD-014)



Human Bone Marrow Mesenchymal Stem Cells
Adipogenic Differentiation Medium (PD-016)



Human Bone Marrow Mesenchymal Stem Cells
Chondrogenic Differentiation Medium (PD-015)

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