

# BioStem Vs Predictive Product Comparison

	Placenta	Placenta	Placenta	Placenta	Umbilical Cord	Umbilical Cord
	RHEO™ Amniotic Matrix Allograft	AmnioCyte Plus™ Amniotic Matrix Allograft	AEON™ Amniotic Fluid Allograft	AmnioCyte™ Amniotic Fluid Allograft	OROPRO™ Umbilical Cord Allograft	CoreCyte™ Wharton's Jelly Allograft
Cytokines	General Cytokines Fetuin-A Interleukin 37 Macrophage Colony Stimulating Factor Serpin A4 Syndecan - 4	5	5	5	5	5
	Growth Factor Cytokines Bone Morphogenic Protein - 7 Complement Component 5a Fibroblast Growth Factor Platelet Derived Growth Factor Thrombospondin - 2	5	5	5	5	5
	Scaffolding Cytokines Adhesion G Protein Collagen 1, 2, 3 Elastin Fibronectin Hyaluronic Acid	5	5	5	5	5
	Homeostatic Cytokines Cystatin - B Galectin - 9 Granulysin Lipocalin - 2 Intracellular Adhesion Molecule 1	5	5	5	5	5
	ISCT Standards Mesenchymal Stem Cell Attributes Mesenchymal Stem Cells (MSC) Biologically Young Source Viable MSC Count Positive Expression of CD73 Positive Expression of CD90 Positive Expression of CD105 Lack Expression of CD14 Lack Expression of CD34 Lack Expression of CD45 Lack Expression of HLA-DR Lack Expression of CD19 Viable MSC: Plastic Adherent	1	1	1	1	1

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