



A CATALYST FOR WHOLE-BODY HEALTH & REGENERATION

EV-PURE™ is an acellular product that contains over 15 billion pure exosomes per 1cc. Our exosomes are engineered from placental-derived mesenchymal stem cells (MSCs) which possess over 200 growth factors.

Exosomes are nano-sized extracellular vesicles that play a primary role in cell-to-cell communication. They have the power to transfer information and resources, such as nucleic acids, mRNA, and miRNA, throughout the body and deliver them to other cells.

The specific patterns of ligands and receptors on the surface of an exosome likely allow the targeting of specific cell types bearing the right counter-ligands. This incredible combination, the ability to transfer valuable components and target the appropriate cell, give exosomes potent influence on the receiving cells' function and physiology.

Practitioners around the country use the therapeutic power of exosomes to help patients with:



Exosomes alter inflammation, contribute to tissue and organ repair, support neural communication, enhance mitochondrial viability, and participate in the transformation of aging cells. They are truly catalysts for whole-body health.

GROWTH FACTORS

BDNF	3.80	HGF	1,161.82	TGFβ3	589.38
Brain-Derived Neurotrophic Factor: Supports Survival of Neurons and Encourage Growth		Hepatocyte Growth Factor: Involved in Organ Regeneration and Wound Healing		Transforming Growth Factor Beta 3: Most Important Anti-Inflammatory Protein; Converts Inflammatory T Cells into Anti-Inflammatory Regulatory T Cells	
FGF-7	9.34	PDGF-BB	1,488.26	VEGF	296.89
Fibroblast Growth Factor: Potent Growth Factors Affecting Many Cells		Platelet Derived Growth Factor Sub Unit B: Growth Factor Used to Stimulate Healing in Soft and Hard Tissues		Vascular Endothelial Growth Factor: A protein involved in both angiogenesis and vasculogenesis. Its most important role is to help in the creation of new blood vessels following an injury. VEGF is also involved in generating muscle tissue and bypassing blocked blood vessels.	
GDNF	46.21	SCF	168.35		
Glial-Derived Neurotrophic Factor: Promotes Survival of Neurons		Stem Cell Factor: Responsible for Stem Cell and Melanocyte Growth			

ANTI-INFLAMMATORY

GDF-15	11,029.73	IL-1ra	3,247.88	TGFβ3	589.38
Growth Differentiation Factor 15: Regulates inflammation, apoptosis, cell repair, and growth		Interleukin 1 Receptor Antagonist: Binds and Sequesters the Inflammatory Cytokine IL-1		Transforming Growth Factor Beta 3: Most Important Anti-Inflammatory Protein; Converts Inflammatory T Cells into Anti-Inflammatory Regulatory T Cells	
ICAM-1	19,232.20	IL-10	9.41	TNF RI	667.70
Intercellular Adhesion Molecule 1: Binds Inflammatory Ligands on White Cells		Interleukin 10: Anti-Inflammatory Cytokine responsible for Immunomodulation and Regulatory T Cell Conversion		Tumor Necrosis Factor Receptor 1: Binds and Inactivates the Inflammatory cytokine TNF-α	

WOUND HEALING

GDF-15	11,029.73	ICAM-1	19,232.20	MIP-1a	12.80
Growth Differentiation Factor 15: Regulates inflammation, apoptosis, cell repair, and growth		Intercellular Adhesion Molecule 1: Binds Inflammatory Ligands on White Cells		MIP-1b	242.60
HGF	1,161.82	MCP-1	3,124.82	Macrophage Inflammatory Protein 1: Also known as CC1-4, Recruits Mononuclear Cells to the Treatment Area	
Hepatocyte Growth Factor: Involved in Organ Regeneration and Wound Healing		Monocyte Chemoattractant Protein 1: Recruits Mononuclear Cells to Treatment Area		PDGF-BB	1,488.26
				Platelet Derived Growth Factor Sub Unit B: Growth Factor Used to Stimulate Healing in Soft and Hard Tissues	

REGENERATION & GROWTH

BMP-5	3,929.10	MIP-1a	12.80	SCF	168.35
Bone Morphogenic Protein 5: Stimulates Bone Growth		MIP-1b		Stem Cell Factor: Responsible for Stem Cell and Melanocyte Growth	
GDNF		Macrophage Inflammatory Protein 1: Also known as CC1-4, Recruits Mononuclear Cells to the Treatment Area		TIMP-1	
Glial-Derived Neurotrophic Factor: Promotes Survival of Neurons		OPG		TIMP-2	
IL-6		Osteoprotegerin (Osteoclast Differentiation Factor): Stimulates Bone Growth/Blocks Osteoclast Precursor Formation		Tissue Inhibitor of Metalloproteinase 1 & 2: Blocks Cartilage and Extracellular Matrix Degradation, Important for Cartilage Repair	
Interleukin 6: Responsible for Macrophage Activation					

THE EV-PURE DIFFERENCE

EV-PURE does not include non-exosomal proteins or irrelevant particulates to produce its final count per vial. **Only pure, xeno-free exosomes are counted.**

We do not believe harvesting from the same group of cells for multiple years is beneficial; this practice compromises cellular health, which in turn, provides low-quality exosomes. Instead, we utilize single generation harvesting, using a new placenta for every batch of exosomes to produce the highest potency exosome product.

Unlike many other exosome products, our multi-step purity, filtration and sterility process ensures your patients receive a product that restores from within. We do not manufacture with animal or hormone media, or preservatives.

Vitti Labs only accepts birth tissue donated by consenting mothers who have passed a comprehensive medical background check, blood screenings, and are full-term, live, C-section births. In addition, we only work with tissue procurement organizations within the United States who use ACOG (American College of Gynecology) collection techniques that prioritize the health and safety of the mother and baby above procurement.

Upon completion of manufacturing, **20% of every batch is sent away for third-party testing, specifically sterility and endotoxin testing.** We publish the third-party testing from every batch, every time, so you can deliver a truly restorative treatment to your patients with confidence.

As a healthcare practitioner offering EV-PURE to your patients, you'll gain access to comprehensive and complementary protocols, and receive key education information for you and your staff.