

ExoFlo™

The Future of Regenerative Medicine

Direct Biologics is an innovative bio-technology company focused on developing and providing regenerative biologic products for the medical market.

Direct Biologics' ExoFlo is an allograft exosome product that carries a myriad of signaling proteins that modulate inflammation.

- **Exosomes are known to stimulate stem cell bioactivity and direct communication.**
- **In topical applications, ExoFlo can help in the repair and reconstruction of tissue.**



**10+ Billion
exosomes/cc**



DIRECT  BIOLOGICS

Your Direct Connection to Regenerative Healing

ExoFlo™

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Stem Cell Exosomes

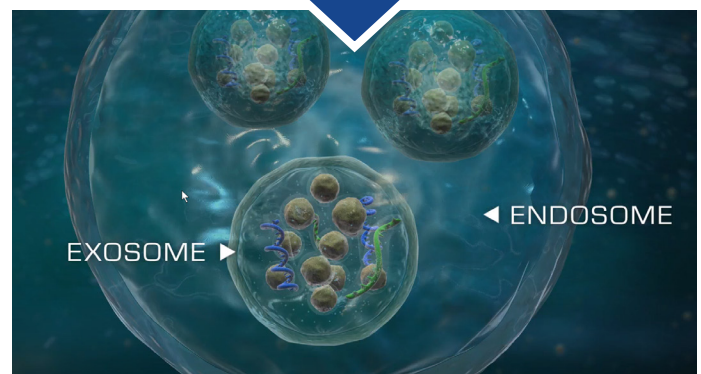
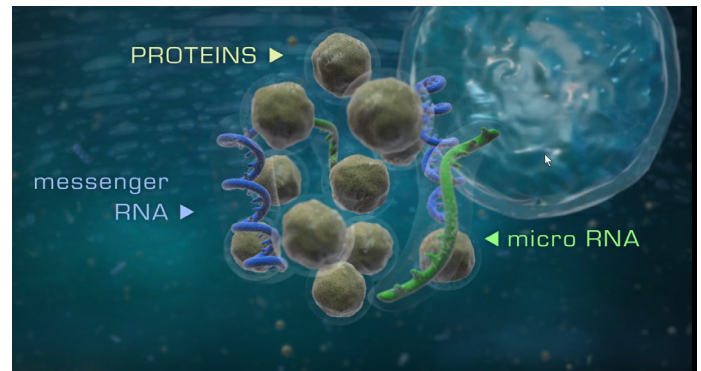
- Isolated from bone marrow-derived mesenchymal stem cells (MSCs)
- Involved in cell to cell communication
- Natural signals with no preservatives
- Approximately 30nm - 150nm
- Deliver:
 - **More than 200 signaling proteins**
 - Anti-inflammatory cytokines
 - Angiogenic growth factors
 - Anti-tumor signals
 - Help inhibit apoptosis (cell survival)
 - Regenerative & healing signals
 - **Messenger RNA (mRNA) - ON Switch**
 - Turn on regenerative mechanisms
 - Activate anti-inflammatory cytokines
 - Turn on angiogenic growth factors
 - Many other signals
 - **Micro RNA (miRNA) - OFF Switch**
 - Turn off chronic inflammatory cytokines
 - Turn off matrix catabolic enzymes
 - Many other signals

Exosomes Are Not Small Cells

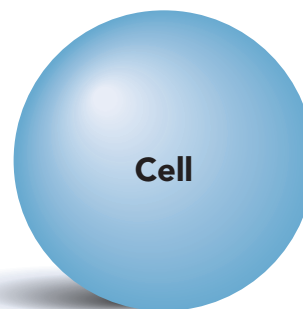
- Does not contain DNA
- Does not contain Mitochondria
- Does not contain Golgi Apparatus
- ~1/1,000 the size of a cell
- Direct cell to cell communication

Product Offering

Description	Part #	Volume
1.0ml Lyophilized Exosomes	EXO - 0100L	1ml
2.0ml Lyophilized Exosomes	EXO - 0200L	2ml
5.0ml Lyophilized Exosomes	EXO - 0500L	5ml
1.0ml Frozen Exosomes	EXO - 0100F	1ml
2.0ml Frozen Exosomes	EXO - 0200F	2ml
5.0ml Frozen Exosomes	EXO - 0500F	5ml



- Keep frozen until use
- -40°C Storage
- 5 year shelf life



 **Exosome**

Call: 1-800-791-1021
 Email: info@directbiologics.com
 Website: directbiologics.com



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