Amniotic Fluid contains proteins and cytokines that support cellular migration. Fibronectin, laminin and hyaluronan are also found in Amniotic Fluid and play a role in proliferation, differentiation and adherence at areas of application.  

Amniotic Fluid contains growth factors such as PDGF, VEGF, EGF, FGF, and TGF-β, and other proteins. Growth factors found in Amniotic Fluid can support cell proliferation and migration across defects and can work with the body’s own cells to modulate tissue reconstruction to minimize scar formation.

Amniotic Fluid contains large amounts of Hyaluronic Acid (HA) which is associated with lubrication and anti-inflammation. HA is an important component of articular cartilage, where it is present as a coating around cells (e.g., chondrocytes). HA is also a major component of skin, where it is involved in tissue repair by contributing to tissue hydrodynamics and the proliferation of cells.

Amniotic Fluid is rich in growth factors such as PDGF, VEGF, EGF, FGF, and TGF-β, and other proteins. Growth factors found in Amniotic Fluid can support cell proliferation and migration across defects and can work with the body’s own cells to modulate tissue reconstruction to minimize scar formation.

Amniotic Fluid is “immune privileged”, possessing little or no risk of foreign body reaction, which makes Amniotic Fluid suitable for allogeneic transplants.

Application of Amniotic Fluid has been shown to reduce bacteria counts in wounds against a wide range of bacteria.

To order please reach us at:
Customer Service: (510) GENESIS | ORDERS@GENESISBIOLOGICS.COM | GENESISBIOLOGICS.COM
MISSION STATEMENT
At Genesis Biologics, we value the gift of life and are guided by our commitment to provide premium allograft tissues that are both clinically effective and proven safe.

Our pledge to you, the medical community, is to provide the highest quality products, excellent customer service, and the most up-to-date technologies in the tissue banking industry.

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FDA REGISTERED
21 CFR 1271 Compliant.
Best Business Practices.
Tissues are manufactured under AATB Accreditation.

REFERENCES