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Invitra AT™ & AF™

Amniotic Tissue & Amniotic Fluid

Invitra AT™

Invitra AT™ is a biological acellular product derived from human amniotic tissue. It is comprised of an extracellular matrix that forms a natural scaffold. This scaffold has a series of anti-inflammatory, anti-bacterial, anti-viral properties and low immunogenicity. This natural scaffold works as a physical barrier to contain cells to an affected area by maintaining adhesion of cells.

Invitra AF™

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Invitra AF™ is a biological cellular product derived from the human cord blood. Amniotic fluid is rich in growth factors and cytokines including growth transforming growth factor alpha (TGF alpha), transforming growth factor beta (TGF beta) and insulin-like growth factor 1 (IGF1). Importantly, amniotic fluid contains components related to the innate immune system including a spectrum of antimicrobial agents against bacteria, fungi, protozoa, and viruses.

Component

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Anti-inflammatory (pg/ml)

IL-1ra = 2,971.10

IL-10 = 23

HGF = 27,403.80

TNF RII = 64,122.60

TGF β -1 = 457.5

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Wound Healing (pg/ml)

VEGF = 144.4

TGF β -1 = 457.5

IL-6 = 2,928.90

PDGF-BB = 57

HGF = 27,403.80

bFGF = 356.6

ANG-1 = 19,376.50

FGF-7 = 2,546.50

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Homeostatic Cytokines (pg/ml)

IL-2 = 28.6

IL-7 = 137.9

IL-15 = 0

TIMP-2 = 51,298.50

Lipocalin-2 = 13,074.60

Growth Factors (pg/ml)

ANG-1 = 19,376.50

bFGF = 356.6

BMP-7 = 1,967.30

TGF β -1 = 457.5

VEGF = 144.4

Quality Assurance

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Invitra AT™ & AF™ is processed from umbilical cords from full-term deliveries. All donors are pre-screened and undergo comprehensive testing. This includes:

- Behavioral risk assessment
- Physical assessment
- Donor medical history
- Communicable disease testing

Infectious disease testing is performed at a certified laboratory in accordance with the Clinical Laboratory Improvement Amendments of 1988 (CLIA) and CLIA 493.

Let's Connect

We look forward to hearing from you! Please also contact us directly for assistance in finding physicians utilizing our products.

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