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Invitra WJ-C™

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Wharton's Jelly

Invitra WJ-C™

Invitra WJ-C™ is a minimally manipulated human tissue allograft suspended in a matrix derived from the Wharton's Jelly of the umbilical cord. Invitrx Therapeutics utilizes a proprietary process to preserve the growth and other native components of the Wharton's Jelly for homologous use.

Primary Characteristics

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Human umbilical cord, often considered a waste product of life, is largely composed of Wharton's Jelly. This gelatinous, structural tissue consists of structural components, such as collagen and hyaluronic acid, which work together to resist the physical stresses during development. The tissue is also an abundant source of mesenchymal stem cells that are captured during fetal development and serve as a source of developmental cytokines, chemokines, and growth factors.

Component

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Anti-inflammatory (pg/ml)

IL-1ra = 21.1

IL-10 = 4.9

HGF = 125.6

TNF RII = 7.9

TGFβ-1 = 583.3

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Wound Healing (pg/ml)

VEGF = 5.9

TGFβ-1 = 583.3

IL-6 = 29.2

PDGF-BB = 13.2

HGF = 125.6

bFGF = 276.8

ANG-1 = 292.2

FGF-7 = 33.3

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Homeostatic Cytokines (pg/ml)

IL-2 = 9.3

IL-7 = 30.3

IL-15 = 71.3

TIMP-2 = 1,046.20

Lipocalin-2 = 441.9

Growth Factors (pg/ml)

ANG-1 = 292.2

bFGF = 276.8

BMP-7 = 46.8

TGFβ-1 = 583.3

VEGF = 5.9

Quality Assurance

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donors are pre-screened and undergo comprehensive testing that inc

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

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

Let's Conne

We look forward to hearing from you! Please also
directly for assistance in finding physicians utilizir
products.

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