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Invitra WJ-C™

[Wharton's Jelly](#)

Invitra WJ-C™

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

Primary Characteristics

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Placenta umbilical cord tissue consists of mesenchymal stem cells and 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 withstand the physical stresses during development. The tissue is also an abundant 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

TGF β -1 = 583.3

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Wound Healing (pg/ml)

VEGF = 5.9

TGF β -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

TGF β -1 = 583.3

VEGF = 5.9

Quality Assurance

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Invitra WJ-C™ also addressed from processes & medical cords from full term donors are pre-screened and undergo comprehensive testing that 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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