



NUVEXA 100

- 100 Billion Lyophilized Exosomes
- Whartons Jelly Derived | hPESC-Based
- Transparent Composition | Shelf-Stable

Overview

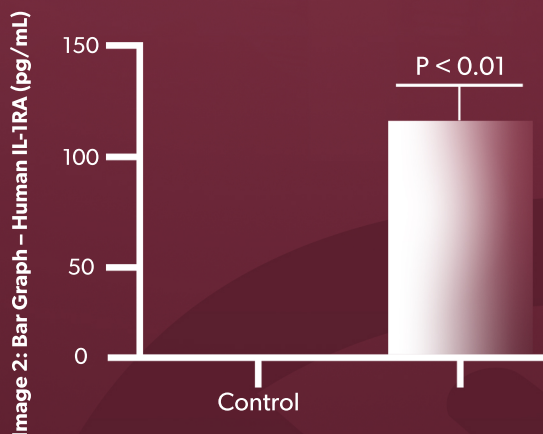
Nuvexa 100 provides a standardized 100 billion particle concentration of Whartons Jelly derived exosomes, processed under controlled conditions from human progenitor endothelial stem cells (hPESCs). Each vial is analyzed using techniques such as ELISA, nanoparticle tracking analysis, and single-particle interferometric reflectance imaging sensing to characterize particle size, purity, and integrity.

Laboratory Profile

Exosomes in Nuvexa 100 are membrane-enclosed particles that express characteristic tetraspanins such as CD81 and CD9. Analysis demonstrates the presence of various peptides and proteins, including insulin-like growth factor-binding proteins (IGFBPs), platelet-derived growth factors (PDGFs), vascular endothelial growth factors (VEGFs), and cytokines such as IL-1RA.

Shelf-Stable Format

Nuvexa 100 is supplied as a lyophilized powder in sterile vials and maintains stability without refrigeration until reconstitution. This provides convenience and consistency for professional use.



Product Information

Product: Nuvexa 100B

SKU: NUV100

Format: Lyophilized powder (sterile vial)

Reconstitution: 2–4 cc normal saline
(per professional protocol)

Table 1. Growth factors expressed in the formulated stem cell extract.

Growth Factor		Average Amount (pg/mL)
IGFBP-1	Insulin-like growth factor-binding protein-1	70.0
IGFBP-2	Insulin-like growth factor-binding protein-2	18.1
IGFBP-3	Insulin-like growth factor-binding protein-3	552.6
IGFBP-6	Insulin-like growth factor-binding protein-6	20.3
Insulin	Insulin	518.5
GH	Growth hormone	10.5
FGF-7	Fibroblast growth factor-7	45.5
HB-EGF	Heparin-binding EGF-like growth factor	42.2
PDGF-AA	Platelet derived growth factor-AA	58.1
TGF-α	Transforming growth factor alpha	2.4
TGFβ1	Transforming growth factor beta 1	1036.90
EG-VEGF	Endocrine-gland-derived vascular endothelial growth factor	86.6
VEGF	Vascular endothelial growth factor	30.8
VEGF R2	Vascular endothelial growth factor-receptor 2	20.6
VEGF R3	Vascular endothelial growth factor-receptor 3	300.0
VEGF-D	Vascular endothelial growth factor D	16.6
BDNF	Brain-derived neurotrophic factor	68.6
b-NGF	Beta-nerve Growth factor	9.5
NGF-R	Nerve growth factor receptor	21.0
NT-4	Neurotrophin-4	110.3

All Nuvexa Biologix products are intended for cosmetic, research and/or homologous use.

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