

The logo features the word "eXos" in a white, elegant serif font. The letter "X" is significantly larger and more prominent than the other letters. Behind the text, a faint, semi-transparent DNA double helix structure is visible, adding a scientific or biological theme to the design.

*eXos*

**SIMILDIET**  
LABORATORIOS

# What are Exosomes?

Exosomes are vesicles of nanometer size (30 to 200 nanometers in diameter) that contain proteins, lipids, and genetic material such as mRNA and miRNA. They are released by different types of cells through the endosomal-liposomal pathway.

They play a fundamental role in intercellular communication, intervening in multiple biological processes as tissue healing and modulation of immune system.



# EXOSOMES

## ANTIAGING COMPLEX

- Each lyophilized vial of Simildiet *eXos* contains **15 trillion exosomes\***. The exosomes are of plant origin, derived from extracts obtained from the **Melissa Officinalis**.
- Each box of Simildiet *eXos* contains:
  - 3 vials of lyophilized Exosomes
  - 3 vials of a powerful diluent based on biomimetic peptides.
- Sterile and pyrogen-free product.



15 trillion exosomes (USA) = 15 billion exosomes (EU)

# Action mechanism

The administration of exosomes in the treatment of skin aging reduces wrinkles and improves skin elasticity by:

- Decreasing the production of reactive oxygen species.
- Reducing the expression of certain inflammatory factors.
- Increasing the production of substances beneficial to the skin.
- Boosting the activity of collagen-producing cells.
- Diminishing the activity of certain cells associated with inflammation and excessive skin growth.

Exosomes possess antioxidant and anti-inflammatory properties that contribute to these effects.



# Active ingredients

## EXOSOMES ANTIAGING COMPLEX



### Active ingredients of the lyophilized vial:

- ✓ **7 Growth Factors:**
  - Induce cellular activation and healing.
  - Promote cell proliferation, angiogenesis, and moisturizing capacity.
  - Stimulate the production of dermal components such as collagen and hyaluronic acid.
  - Contribute to cellular and epidermal regeneration.
- ✓ **Cytokines:** Possess anti-inflammatory properties and regulate the immune system.



### Active ingredients of the diluent vial:

- ✓ **DMAE** improves skin tone and firmness, providing an immediate anti-sagging and lifting effect.
- ✓ **Sodium Hyaluronate** promotes the production of collagen and elastin, which in turn smoothens the skin and increases its firmness.
- ✓ **7 Biomimetic Peptides** offer a wide range of benefits for the skin, from smoothing and firming it to reducing wrinkles and stimulating collagen production, promoting firmer and revitalized skin.
- ✓ **Magnesium, copper, and zinc** stimulate collagen production in the dermis.
- ✓ **DNA and RNA** are stimulants of regenerative processes.
- ✓ **Mannan** is a high-quality collagen booster.

GROWTH FACTORS	EFFECT ON THE SKIN
HCF (Hepatic Growth Factor)	Induces cell activation, wound healing efficiency. Regenerator.
VEGF (Vascular Endothelial Growth Factor)	Promotes cell proliferation and angiogenesis. Improves moisturizing capacity.
aFGF (Acidic Fibroblast Growth Factor)	Promotes epithelial cell proliferation, collagen, hyaluronic acid, proteoglycans. Overall antiaging effect.
bfGF (Basic Fibroblast Growth Factor)	Promotes cell renewal by expression of epidermal cell proliferation signals.
EGF (Epidermal Growth Factor)	Promotes cellular renewal through the expression of epidermal cell proliferation signals.
KGF (Keratinocytes Growth Factor)	Promotes keratinocytes proliferation.
IGF-1 (Insulin-Like Growth Factor)	Promotes global regeneration of epidermal tissue.

# EXOSOMES

## ANTIAGING COMPLEX



### PROTOCOL:

For optimal anti-aging results, it is recommended to use 2 ml per session.

One session every 2 weeks.

Between 3 and 4 sessions are recommended.

### PRESERVATION:

Once reconstituted, it is recommended to keep refrigerated for up to a maximum of 15 days.

# Reconstitute **EXOSOMES** ANTIAGING COMPLEX



We will load the entire content of the diluent vial (transparent vial).



We introduce the diluent liquid fully into the exosome lyophilized vial (topaz vial).



We gently shake to ensure that the lyophilized and diluent are completely merged.



Now, it is ready for use in our treatment.

