

## Ethical science. Superior consistency.

hiEX™ Exosomes are made from a type of lab-grown cell called an induced pluripotent stem cell (iPSC), technology that won the Nobel Prize in Medicine in 2012. The iPSCs that produce hiEX™ Exosomes are produced ethically from a single human donor.



No ethical concerns



No variability from batch to batch



No animal or fetal-derived material



hiEX™ Exosome

Manufactured in California using advanced biotechnology, hiEX™ Exosomes deliver consistent, pure performance every time.

## Safe. Pure. High-Performance.

hiEX™ Exosomes are made under rigorous, pharmaceutical-grade conditions:

- Ultra-purified—no cells or hormones
- No batch-to-batch variability
- Sterile and tested for safety
- Compatible with all skin types

Backed by Nobel Prize-winning iPSC technology and trusted by dermatologists, hiEX™ Exosomes redefine skin rejuvenation.

hiEX™ Exosomes products are not intended to be drug products that diagnose, treat, cure, or prevent any disease or condition. These products have not been approved by the FDA and the statements have not been evaluated by the FDA.



### Learn more

Ask your aesthetician how they can boost your treatment results.

Visit [appliedstemcell.com](http://appliedstemcell.com) for the science.



THE ULTIMATE IN EXOSOMES

## hiEX™ Exosomes

Regenerative. Consistent. Ethical.

Advanced aesthetic care powered by stem cell technology.





## What are exosomes—and why do they matter?

Exosomes are tiny messengers that naturally occur in your body. Smaller and simpler than cells, they deliver powerful growth factors, signaling molecules, and structural proteins that can help your skin heal, regenerate, and stay vibrant.

In aesthetic dermatology, exosomes are applied at home and after treatments like lasers, peels, or microneedling to reduce recovery times and enhance visible appearance.

In the lab, exosomes have been shown to:

- Promote regeneration and fight inflammation<sup>1,2</sup>
- Improve skin conditions like inflammation, rosacea, and wrinkles<sup>1</sup>
- Reverse aging in skin, hair, cognitive behavior, and memory function in animal models<sup>3</sup>
- Stimulate hair follicles and promote hair growth<sup>1</sup>



**Think of exosomes  
as next-generation  
rejuvenation—delivered  
straight to your cells.**

## How hiEX™ Exosomes can help you during and after skincare treatments

hiEX™ Exosomes are designed to boost your skin's natural rejuvenation processes at home and during microneedling, peels, and laser treatments.



**At your treatment center,  
hiEX™ Exosomes are used in two  
ways to enhance your results:**

1. During treatment, your aesthetician may pair hiEX™ Exosomes with microneedling to enhance absorption and boost skin rejuvenation.
2. After treatment, a sterile, concentrated hiEX™ Exosome solution is applied to support healing and reduce visible scarring.



### **At home**

To further speed recovery, you can apply hiEX™ Exosome serum twice daily to the treated area starting 48 hours after treatment.

1. Thakur, et al. *Cosmetics*. 2023; 10(2):65.  
2. Oh, et al. *International Journal of Molecular Sciences*. 2018; 19(6):1715.  
3. Bi Y, et al. *Cell Metabolism*. 2025;37(2). doi:10.1016/j.cmet. 2024.11.013