

Change the standards of exosomes



REGENBOGEN

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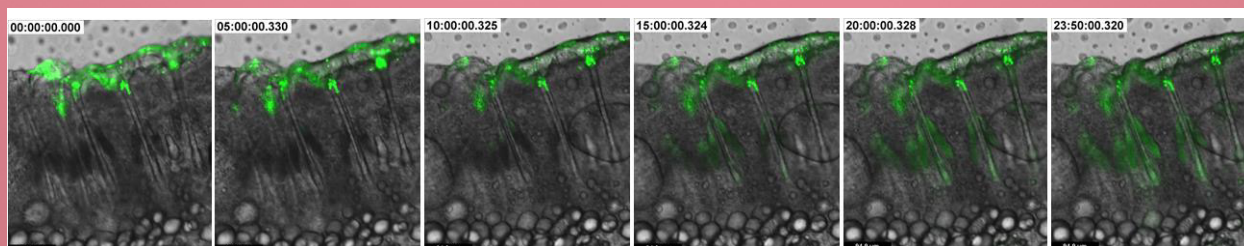
EXOXE™  
EXOXE



# Why is Exosome?

It's because of its strong regeneration effect. This effect is like an all-around key that solves whitening, wrinkles, wounds, and skin diseases.

## EXOXE Effect



### 01 Anti-inflammatory

The most notable effect is the anti-inflammatory effect. It is used as an alternative to steroids for dermatitis, inflammatory acne, hair follicles, and atopic dermatitis.

### 02 Antioxidant

Exosomes help suppress active oxygen, which is harmful to the human body, with strong antioxidants, thereby improving wrinkles and preventing aging.

### 03 Regenerative

Exosomes induce the regeneration of damaged cells through paracline effects. It has a wide range of effects by rebuilding the skin barrier and creating blood vessels..

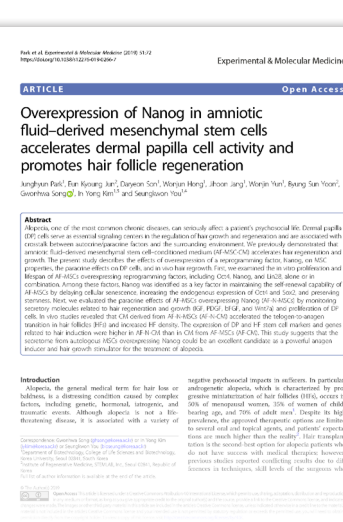
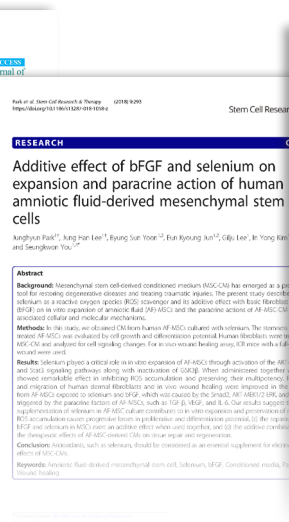
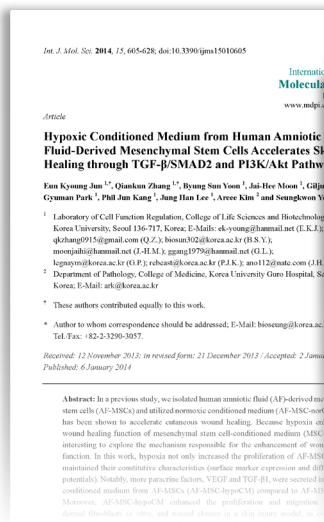
### 04 Whitening

Exosomes help improve skin color by reducing melanin production in cells. It quickly restores skin tone colored with ultraviolet exposure.

# Amniotic fluid exosome



1. Therapeutic Potential of Amniotic Fluid Derived Mesenchymal Stem ...: Ingenta Connect, 2. Amniotic fluid-derived stem cells in regenerative medicine research | Springer Link, 3. Potential antitumor therapeutic strategies of human amniotic membrane and amniotic fluid-derived stem cells | Cancer Gene Therapy (nature.com), 4. Secretory Profiles and Wound Healing Effects of Human Amniotic Fluid-Derived, Mesenchymal Stem Cells | Stem Cells and Development (liebertpub.com) 5. Xenografted human amniotic fluid-derived stem cell as a cell source in therapeutic angiogenesis - ScienceDirect



- 10-1218101 Composition for hair growth promotion using fetal-derived mesenchymal stem cells in amniotic fluid
- 10-1371690 Prenatal-derived mesenchymal cord cultured under hypoxic conditions Mass production method of growth factors using gas cells and mass of growth factors using fetal-derived mesenchymal stem cells in the skin regeneration composition
- 10-1119225 amniotic fluid Production method
- 10-1078419 Composition for improving skin condition using fetal-derived mesenchymal stem cells in amniotic fluid
- 10-1334243 Fetal oil using wound stimulation Preparation method of culture medium leaf stem cells



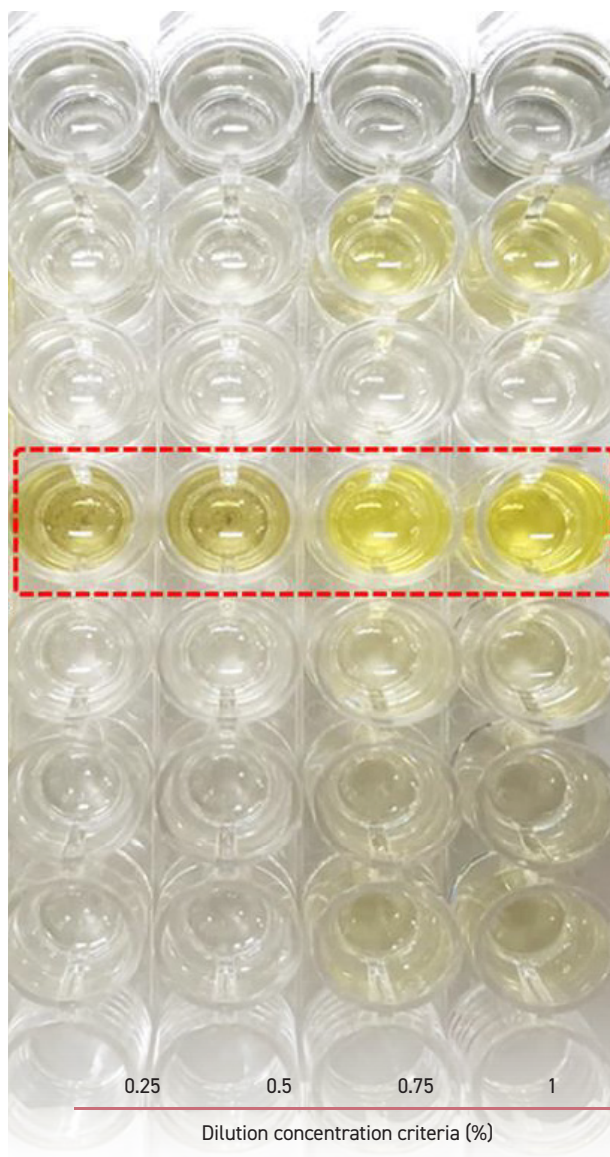
## Why do we have to use EXOXE?

Experience the real effects of exosomes, including 6 billion particles, the best exosomes, the best activator, and the perfect treatment guide..

## Which one is it?

There are eight different products from the top to the bottom, and we conducted four experiments for each product by changing the dilution level and arranged it horizontally. It is the most reliable analysis method with comparative analysis of exosomes. The results vary widely depending on the product. Unlike advertisements, we were able to visually check the substance of products with poor quality.

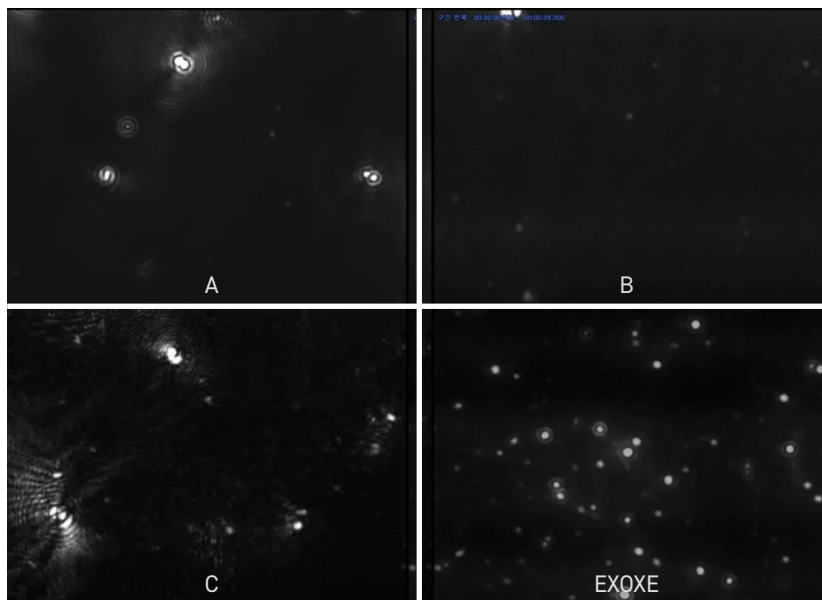
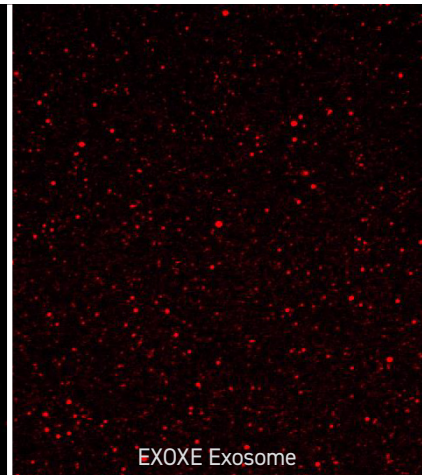
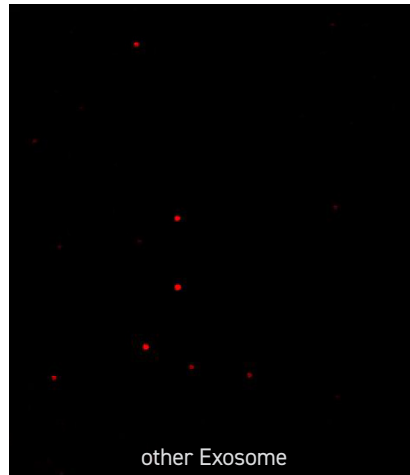
Which line is EXOXE™?



It was analyzed through the Human CD63 Elisakit. The darker the color, the higher the exosome content.

# 6 Billion particles

CD63 Exosome surface markers: red dots on the screen



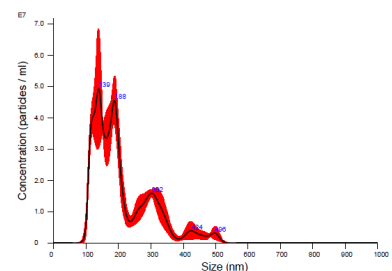
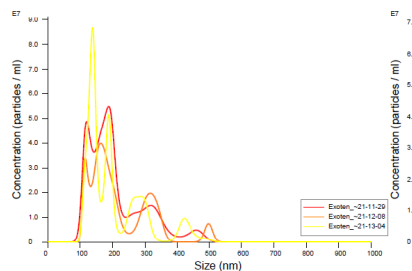
## particle quantity comparison

The nanosite observation of exoxe shows that high-quality particles of uniform size and straight shape can be observed and the number of particles is much higher than that of A, B, and C.

# 1600x size particles

This image enables real-time observation of the distribution of particles through NanoSight equipment. This allows you to see the size, number, and distribution of the particles directly.

The picture above is a comparison with many EXO-SOME products on the market. The more particles there are and the more uniform it is, the better the content and purity of the exosomes are.

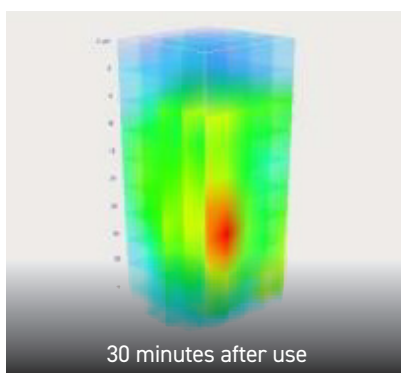
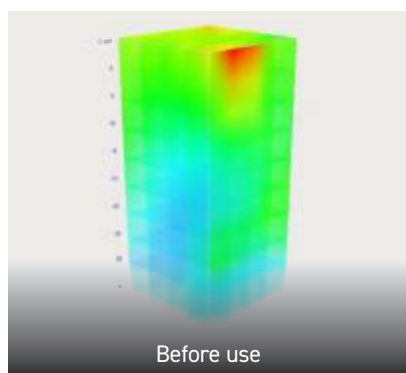
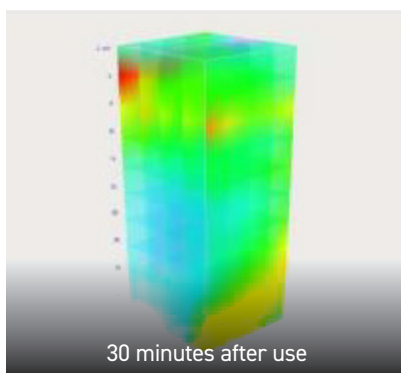
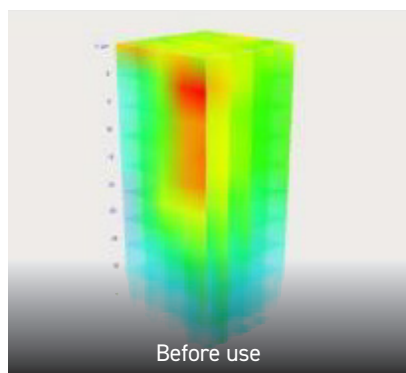
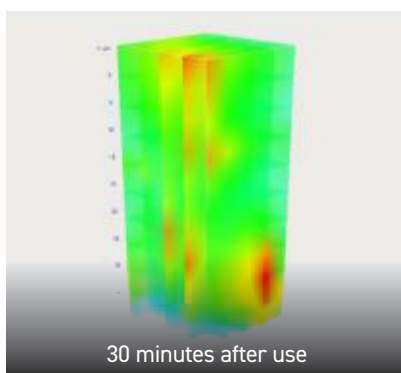
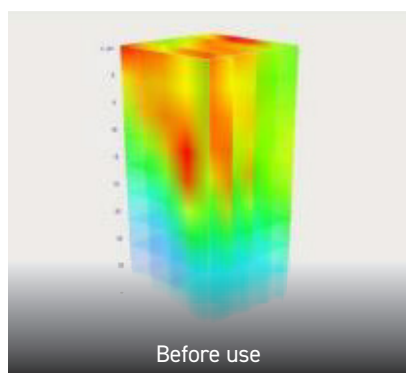
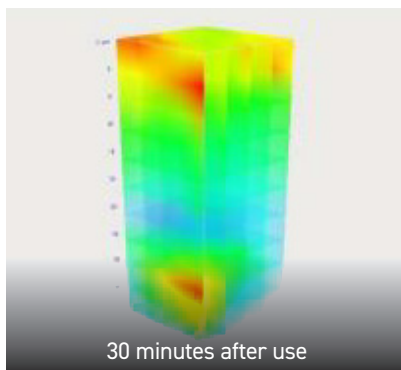
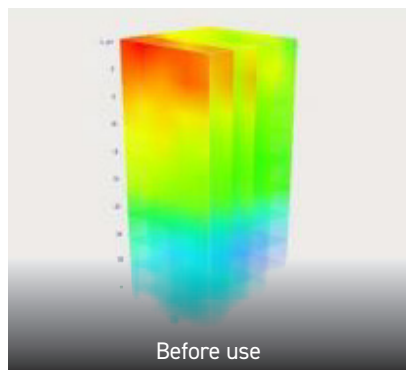


A device called Nanosight guesses the size of particles and determines the number of them through the movement of particles. Particles of Exoxe were analyzed with this equipment.

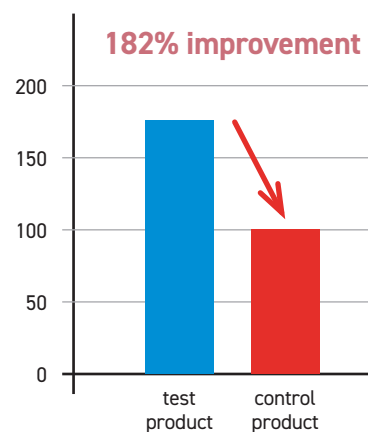
# Skin absorption

P&K Skin Clinical Research Center / 2020.09.02-09.11

20 people with temporary individual differences between the whole body

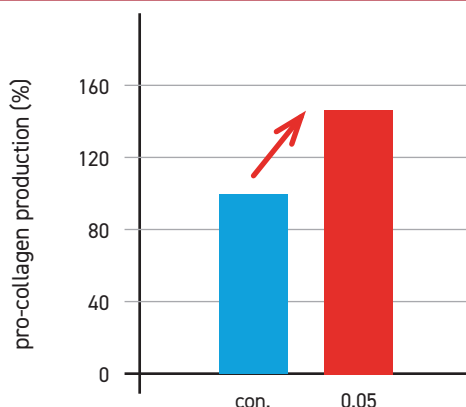


Rate of change in skin absorption of test products based on control product change rate (100%)



## Intracellular collagen

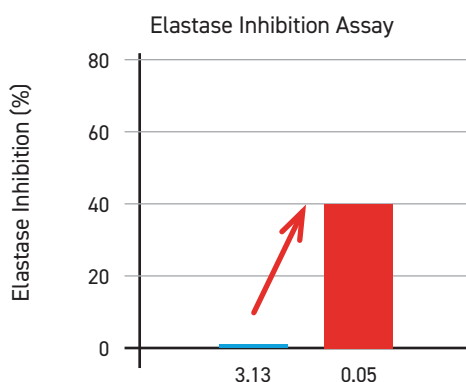
P&K Skin Clinical  
Research Center  
2020.10.19~11.20  
20 people by concentration  
Out-of-body test



**150% increase** in intracellular collagen based on 0.05% concentration

## Intracellular elastin inhibitors

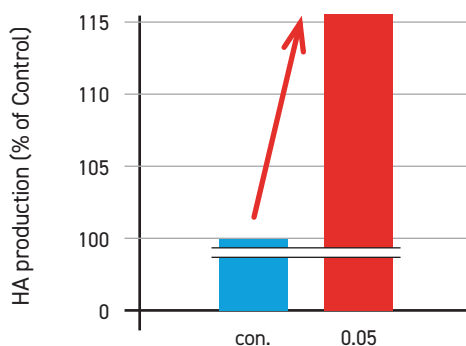
P&K Skin Clinical  
Research Center  
2020.10.19~11.20  
20 people by concentration  
Out-of-body test



**39% reduction** in intracellular elastin inhibitors based on 0.05% concentration

## Create intracellular HA

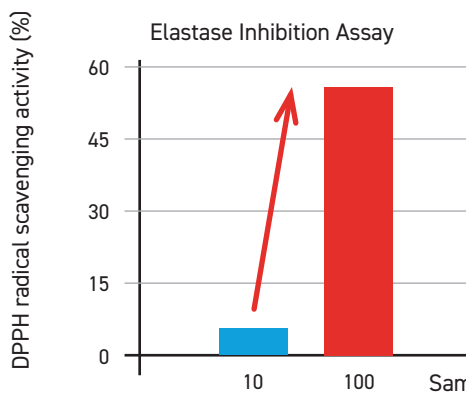
P&K Skin Clinical  
Research Center  
2020.10.19~11.20  
20 people by concentration  
Out-of-body test



Based on 0.05% concentration Create intracellular HA **160% increase**

## Antioxidants

HUMAN SKIN CLINICAL  
TEST CENTER  
2020.08.24 Antioxidant Testing (DPPH assay) After application by concentration  
Out-of-body test



causing aging Skin oxidizing elements over **55% Controlled**

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# Before & After

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## Pigmentation

3week later



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## Acne

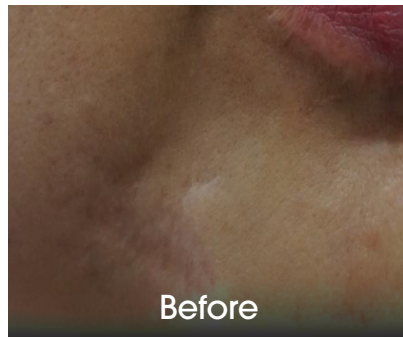
3week later



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## Scar

3week later



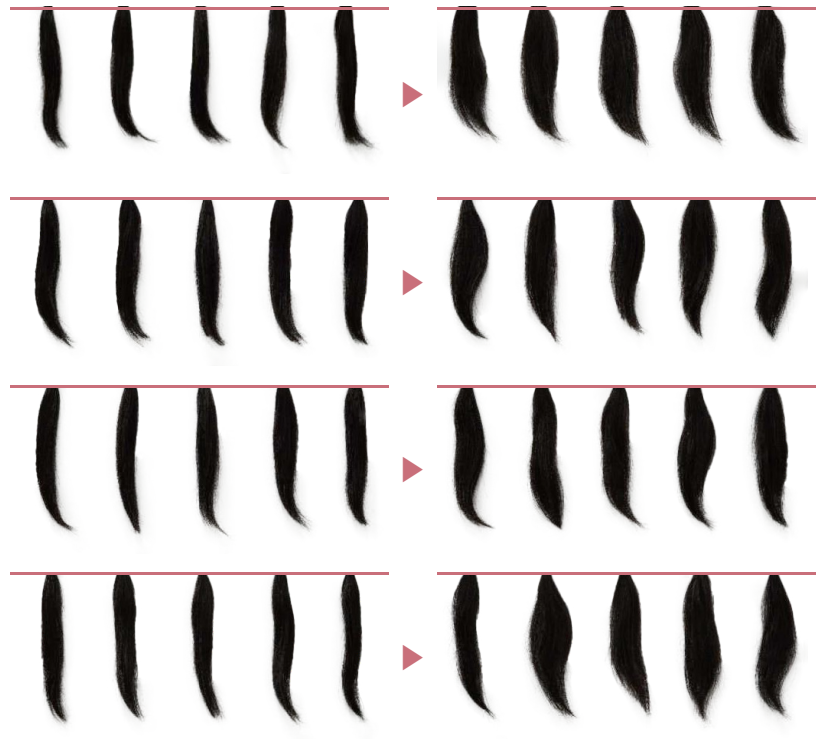
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## Burn wound

3week later



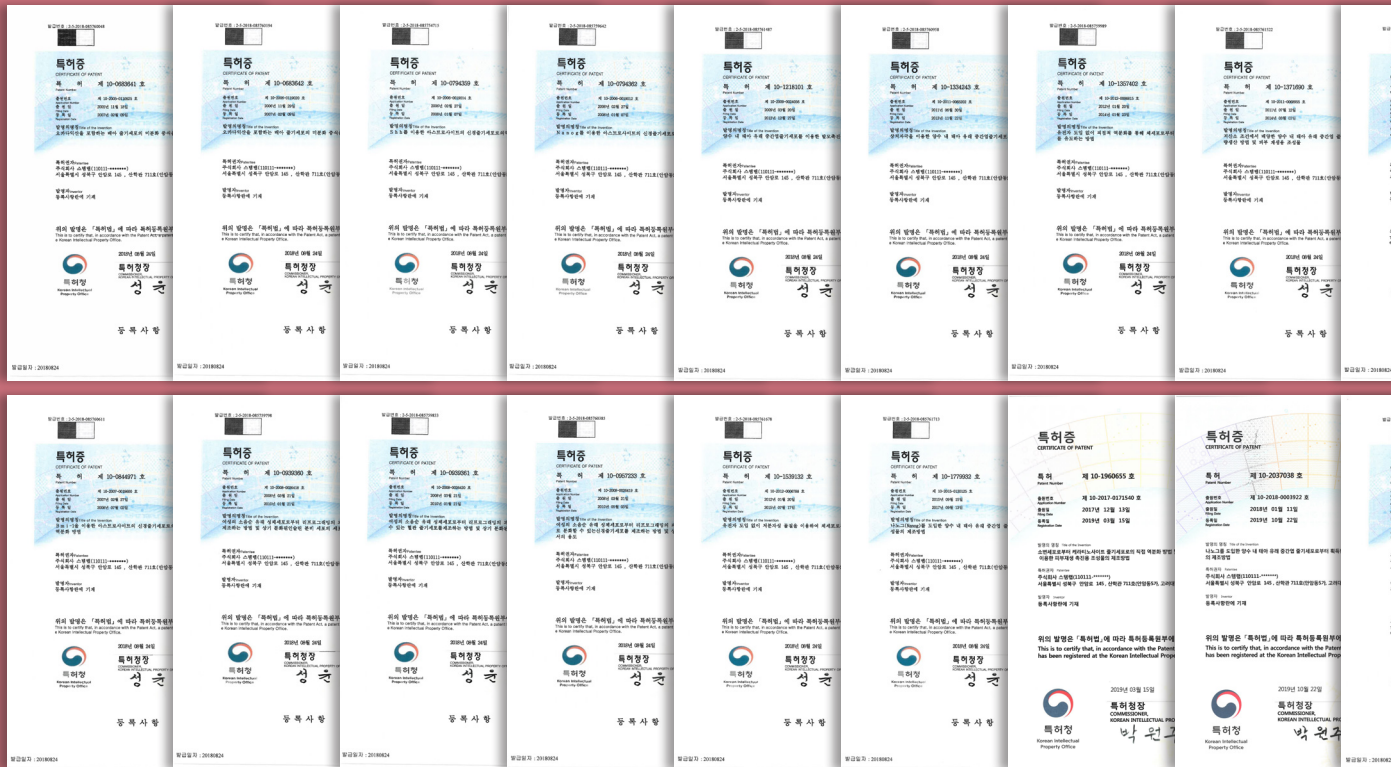
## Measure- ment of hair volume



Clinical Institution :  
OATC Skin Clinical Trial Center  
2021.05.10~06.07 / 22 candidates  
scalp, hair EXOXE™  
products for ordinary people.

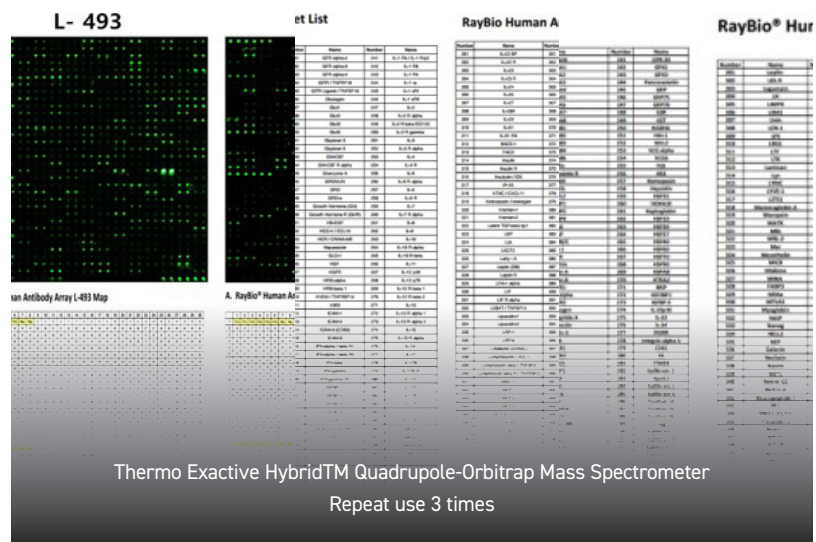


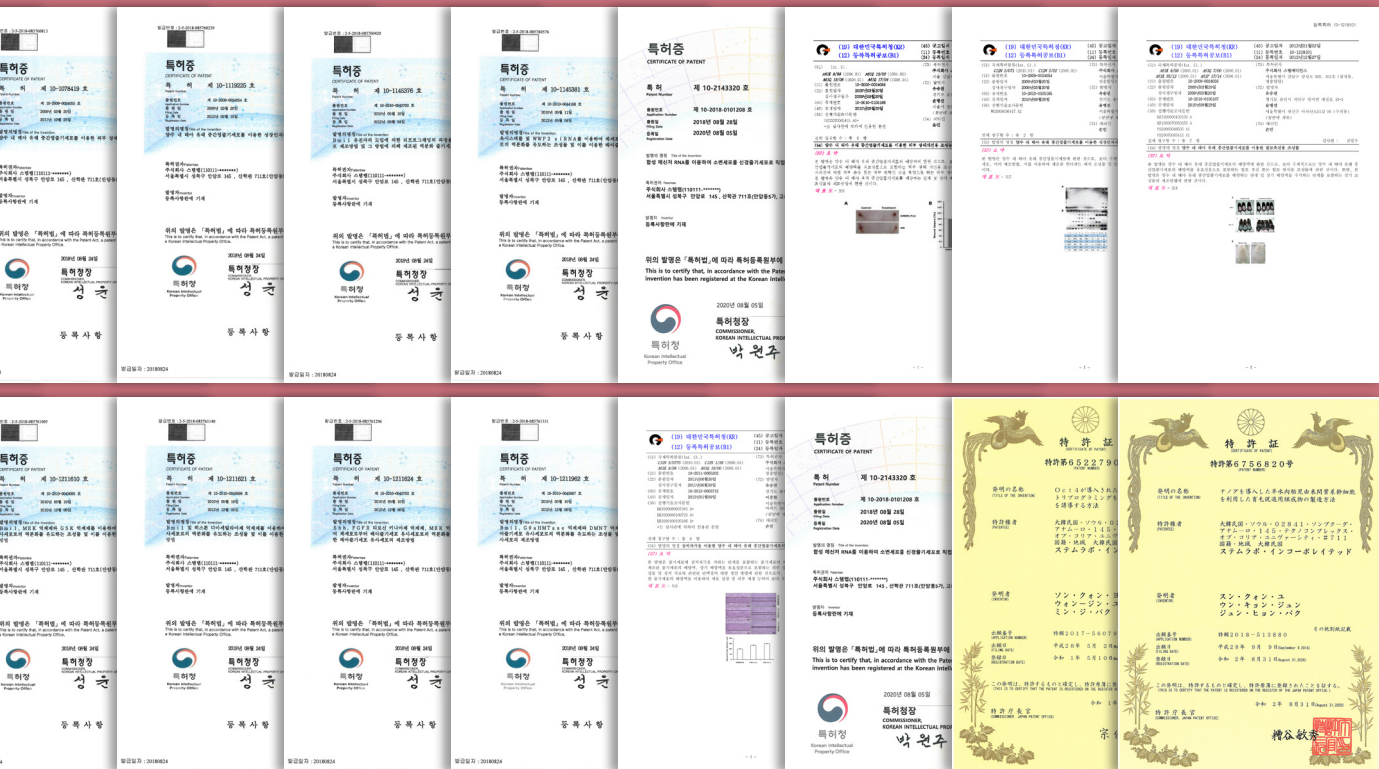
# Exoxe holds 26 technology-related patents and 5 overseas patents.



Contains large amounts of physiologically active substances

EXOXE has 71 growth factors and contains more than 1800 related proteins





Hypoallergenic,  
eye irritation,  
tested

HUMAN SKIN CLINICAL  
TEST CENTER  
2022.09.20 ~ 09.22

