

Elastic Lab®



Novel Elastin Care Solution 'Elastic Lab'

Elastin and Collagen Care

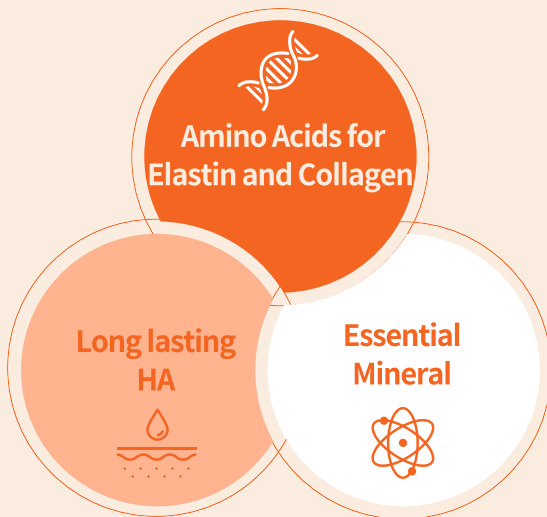
Moisturize and nourish your skin

Supply essential mineral for dermal layer

Elastic Lab for

- ✓ **Loss of elasticity**
- ✓ **Aging skin, fine lines**
- ✓ **Pore, flushing, skin dryness**

Ingredient



#ElastinCare #ElasticLab



Elastic Lab® Inc.
Global medical health-care company

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**#Experience #ElastinCare
Elastic Lab**
”

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Elastic lab® is registered trade mark

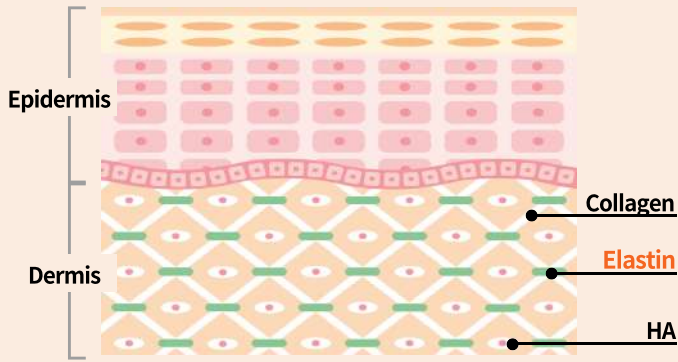
Cosmetic



Live a Fantastic Life
Elastic Lab® Inc.

**#ElastinCare
#ElasticLab**

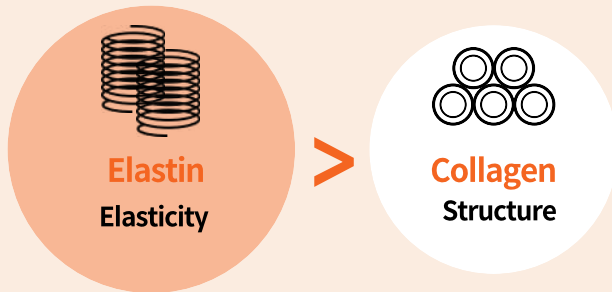
Elastin, the secret of skin elasticity



Elastin?

The key protein responsible for the elasticity of the body. Abundant in the skin, blood vessels, and ligaments. Maintain original shape of the Skin

Elastin & Collagen



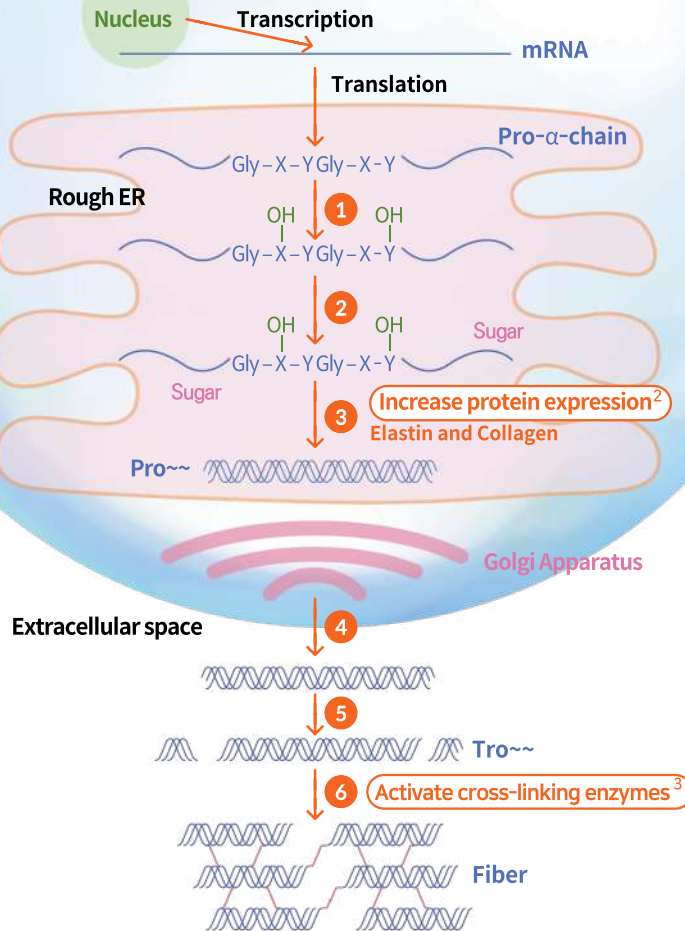
Unlike collagen, elastin has rubber-like elasticity due to unstructured peptide chains.

Elastin provides elasticity to the skin by supporting collagen and restores the original shape even when the tissue is stretched or contracted.

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Mode of Action on Synthesis of Elastin and Collagen

Increase gene expression¹



- 1 Hydroxylation
- 2 Glycosylation
- 3 Assembly of pro-α-chains into procollagen
- 4 Exocytosis
- 5 Prococollagen peptidases cleave C-terminal & N-terminal peptides
- 6 Lysyloxidase cross-links molecules

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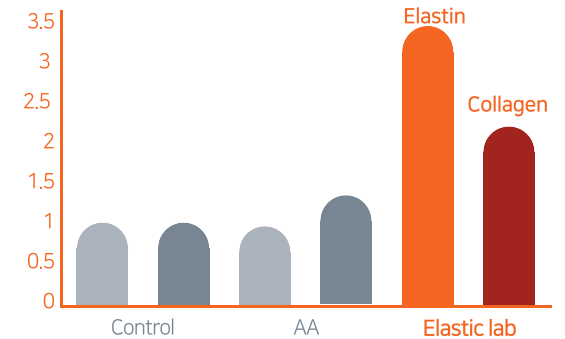
Patented technology



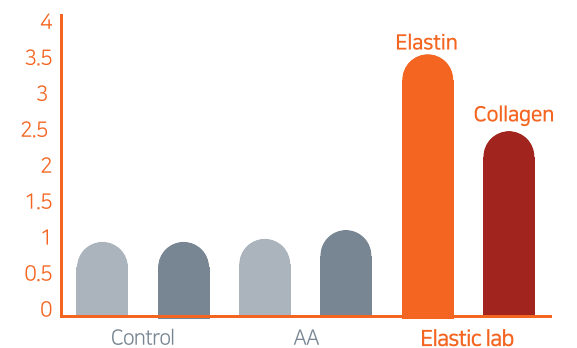
* KR patent registration (Registration Number: 1022268100000)
**PCT application (Application Number: PCT/KR2020/013780)

***Chung, K.W., Song, S.H. & Kim, Ms. Synergistic effect of copper and amino acid mixtures on the production of extracellular matrix proteins in skin fibroblasts. Mol Biol Rep (2021).

Increased gene expression*** (72hours)



Increased protein expression*** (72hours)



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