



DISCOVER
MORE

SKIN CARE

KaliGen

Nucleobiotics: Nature's code for timeless beauty

| Replumping action

| Skin Renewal

| Rejuvenation effect

TECHNOLOGY

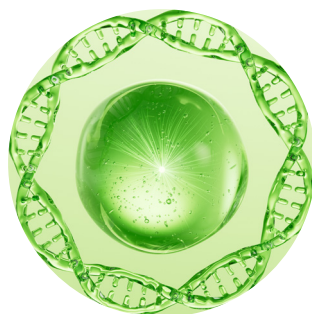
Kaligen is a biomacromolecular complex, mainly composed of nucleic acids and nucleotides with high bioavailability, designed to enhance cellular regeneration and support skin health. These substances, defined "nucleobiotics", are produced with an exclusive biotechnological process which boosts nucleic acids synthesis (**BioNucleMax Technology**).

FUNCTIONAL HIGHLIGHTS

- Boosting cellular turnover, supporting tissue repair, and stimulating collagen synthesis
- Actively stimulating cellular regeneration and accelerating skin renewal
- Enhancing native collagen production through biomimetic activation



Reduces dynamic wrinkles, enhances dermal density, and improves skin hydration.

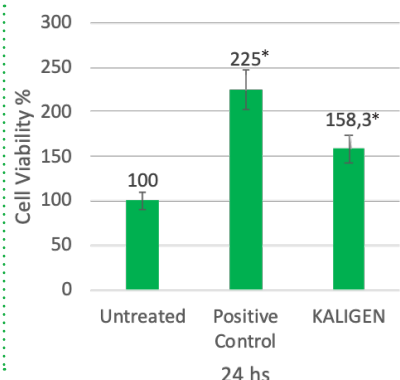


Promotes tissue regeneration and boosts physiological collagen production to improve skin firmness and elasticity.



A carefully selected pattern of active biomacromolecules derived from biofermented plant sources.

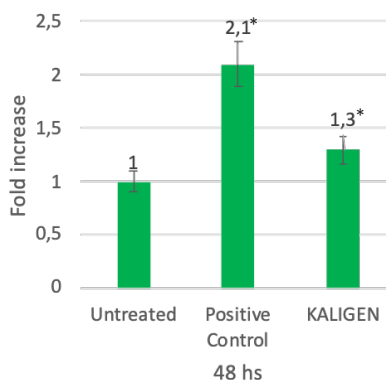
CELL PROLIFERATION



Cells (human fibroblasts) were treated with the sample for 24 hours. Cell viability was measured by MTT assay.

* Statistically significant

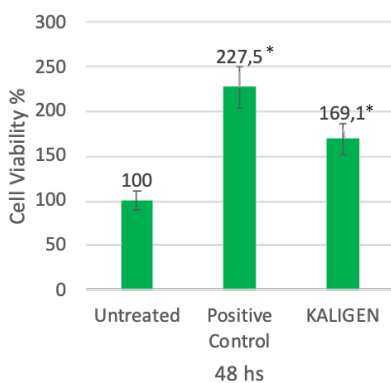
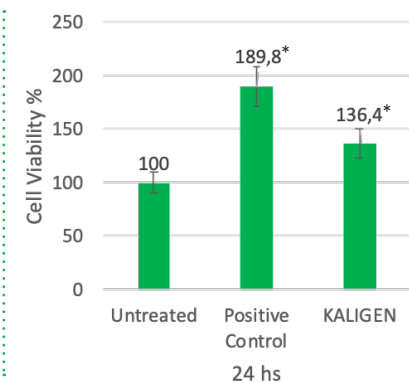
COLLAGEN EXPRESSION



Gene expression changes were analyzed by Real-Time PCR.

* Statistically significant

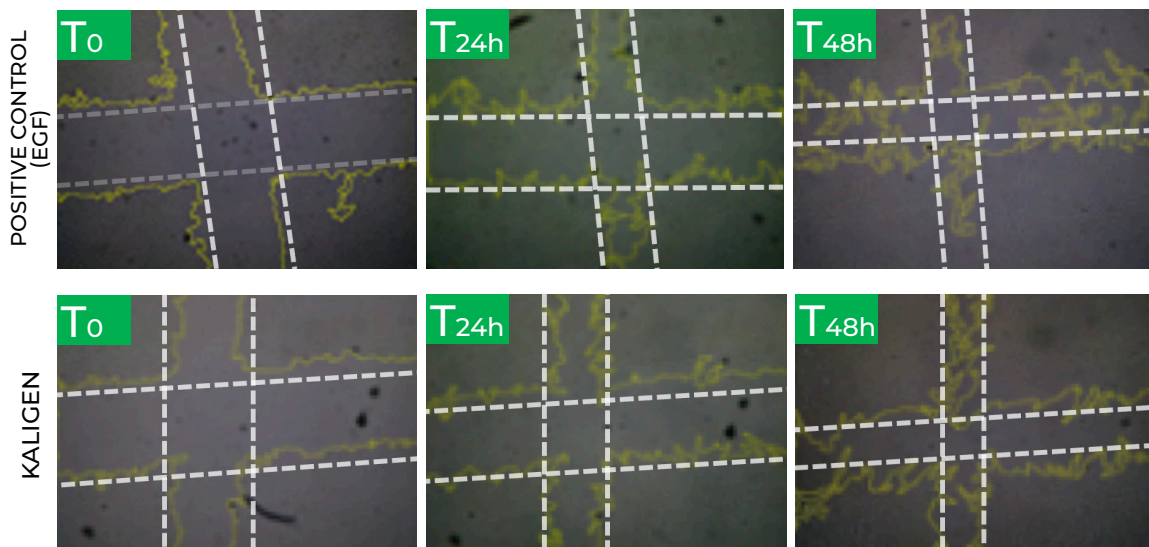
PROTEIN SYNTHESIS STIMULATION



Cells (human fibroblasts) were treated with the sample for 24 & 48 hours. Protein content was measured by Bradford assay.

* Statistically significant

SKIN REPAIR



The in vitro scratch assay measures a substance's effectiveness in promoting skin repair over time by observing fibroblasts migration to close a gap.

PH OF USE	% OF USE	APPLICATIONS	SOURCING	FORMULATION TIPS	TECH DATA
4.5 ÷ 8.0	0.1 ÷ 0.25	All products in cosmetics and medical devices areas	Plant & Biofermentation	Presolubilize in water and add the solution to the emulsion, shower gel etc. by thorough stirring in cold process	<ul style="list-style-type: none"> • Powder • >90% Purity