

## FRESH SLEEPING MASK

### ANTIAGE, REFRESHING, MOISTURIZING AND ULTRA-NUTRITIVE



The gel mask of In lab medical FRESH MASK provides the hydration and regeneration as a mask and the freshness as gel. Fresh mask combines the effectiveness of natural ingredients and epigenetics, science that stimulates the activation of genes, inhibited by external factors, such as pollution.

Renewal of skin's own proteins such as collagen, elastin and hyaluronic acid.

The composition of this mask calms, revitalizes and contributes an anti-inflammatory effect to the skin. It is good for damages produced by the smoke of the cars, solar radiation, electromog, and all the contamination we are exposed.

The combination of active ingredients contributes to :

Hydration

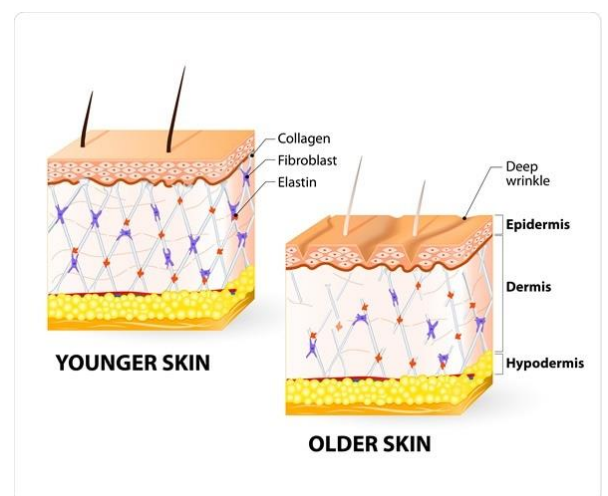
Cellular regeneration

Stimulation of the natural synthesis of collagen and elastin

Fading of wrinkles and fine lines

Nutrition to the skin cells

Soothing and refreshing effect



## **Fresh mask contains the following ingredients:**

### **1. MARINE COLLAGEN**

It is a collagen of high concentration, (5.00 to 7.00%), soluble and, high purity, with less than 1% non-collagenic proteins.

Collagen is a fibrous protein, which is the main constituent of connective tissue. It is the most important protein in the human body, it represents about 30% of all proteins and 70% of skin proteins. Native collagen in cosmetic preparations is not able to penetrate the skin. But thanks to the enzymes of the skin, or via the sebaceous glands, it is possible to use fragments, or assimilate the applied collagen.

In this way, the amino acids, analogous to those normally found in the skin, can be distributed and metabolized by the fibroblasts.

The dermis is composed mainly of collagen, which acts on the skin as a structural protein.

It has a tensor effect thanks to its ability to form a protective film.

It is able to smooth the lines of the skin giving a feeling of softness.

It also increases the protection of the skin against environmental damage.

Helps to restore the collagen of the dermis, providing the amino acid fibroblasts that are capable of metabolizing.

Strengthens the hydrolipidic barrier, maintaining hydration and skin tone.

Film-forming effect, helping dry and mature skin to defend against the attacks of environmental agents, especially against UV exposure.

Increases the elastic tone and restructures the morphology of the microcutaneous relief surface.

Thanks to its hygroscopic function, it has an important hydration capacity and repairing and protective effects.

## 2. HONEY EXTRACT

Honey has traditionally been used for wound healing thanks to its powerful antimicrobial, antiseptic and healing properties. In addition, it prevents the mark of the scar from remaining.



Due to its healing properties, its use in people with acne is highly recommended, as it eliminates the fat and bacteria of acne, opening pores and facilitating their elimination.

It has high amount of antioxidants, including vitamins A, C and E, which help regenerate the damage caused by free radicals preventing premature cell aging and thus, reducing the formation of wrinkles and the loss of firmness and luminosity. It is also rich in vitamins and minerals which helps to nourish the skin in depth.

Retains moisture while keeping the skin hydrated.

## 3. ELASTINA

Elastin is a natural protein of our skin.

The elastin fibers hold the collagen fibers and keep them in place and unlike collagen (which gives hardness, strength or firmness to the tissues), elastin provides flexibility and elasticity. As with collagen, elastin decreases with age from our tissues, which leads to wrinkles and aging of the skin.

It provides elasticity and turgor to the skin and its use is indicated in wrinkled and aged skin, although it does not produce any kind of sensitivity and can be used for any type of skin.



#### 4. UREA

Urea is a crystalline and colorless chemical compound. It is the main terminal product of the metabolism of proteins in humans and other mammals. It occurs in the urine and fecal products mostly. Although it is part of them, it does not present any odor or color as previously mentioned, and it is not toxic.

It is capable of preventing the loss of water from the skin, which is why it stands out for its great capacity for hydration. In addition, it promotes the desquamation of the same, improving tone and texture of it.

The use of it in cosmetic products will endow you with:

- Flexibility and elasticity of the skin
- Deep hydration of the skin

Antipruritic and antimicrobial effect.

#### 5. NON-ESSENTIAL AMINO ACIDS

Non-essential means that our bodies produce an amino acid, even when we do not obtain it from the food we consume. Non-essential amino acids



include: alanine, arginine, asparagine, aspartic acid, cysteine, glutamic acid, glutamine, glycine, proline, serine, and tyrosine.

#### CONDITIONAL AMINO ACIDS

- Conditional amino acids are usually not essential, except in times of illness and stress.

- Conditional amino acids include: arginine, cysteine, glutamine, tyrosine, glycine, ornithine, proline, and serine.

At the superficial level of the body: the Dermis, the amino acids are in polymerized form forming structure proteins such as collagen and elastin or as protective proteins such as keratin of the skin, hair and nails. They are also found in the form of free amino acids forming part of the skin moisturizing mantle known as natural moisture factor (FNH), an element of extreme importance for the balanced maintenance of skin moisturization. Amino acids are also found in a smaller proportion as part of the enormous flow of metabolic factors and nutrients that the body uses for cell regeneration and healthy maintenance of the cutaneous surface. Internally in the body amino acids are an essential part of the muscles, tendons, nerves and all internal body tissues.

## **6. MARINE GLUCOGEN**

Glycogen provides the necessary substances to restore the energy of epidermal cells and stimulate cellular metabolism. It has a protective, repairing and regenerating function, it is a specific energizer with revitalizing, regenerating and strengthening effects.

Strengthens the epidermal defense and repair capabilities.

Glycogen is a reserve polysaccharide of our body, made up of glucose molecules. Helps to reduce the damage that occurs in stressed skin, increasing oxygen consumption in epithelial cells. Glycogen is one of the main energy sources for cellular activity and metabolism. It is a source of energy reserve, since it is stored for later use when necessary.

The energy they obtain from glycogen is used for cell defense and restoration. Increases oxygen consumption, helps fight cell stress.

