

AnteAGE® Biogel

1 oz (40 ml)

AnteAGE® Biogel occlusive dressing represents a new class of occlusive designed to regenerate damaged tissue, reduce trans-epidermal water loss, restore skin barrier integrity and mitigate microbial invasion following ablative and semi-ablative procedures. Renewable vegetable-based lipids replace commonly used petroleum and silicone compounds, while a combination of a skin native anti-microbial peptide, plus a purified elderberry extract contributes to the bacteriostatic and anti-inflammatory properties of the product. Vitamin E supports skin conditioning and provides potent antioxidant support against lipid peroxidation in cellular membranes. TGFb3 promotes scarless, regenerative wound healing, while a blend of skin barrier mimetic lipids, ceramides, cholesterol, and phytosterols contribute to the products ability to rapidly repair skin barrier function.

pH: n/a (anhydrous)



PURPOSE

- Reduce trans-epidermal water loss and contamination post procedure
- Decrease inflammation and bacterial risks
- Restore skin barrier function
- Provides a protective layer over treated skin
- Promotes rapid healing
- Enhances procedural outcomes and results

APPLICATION & USAGE

Apply immediately after ablative and semi-ablative skin resurfacing and rejuvenation procedures. Repeat multiple, daily application throughout the healing period. Do not apply immediately after microneedling.

KEY SELLING POINTS

- Used alone or in synergy with the AnteAGE® Serum for faster healing time (40% reduction).
- Nourishes skin barrier with fatty acids, ceramides and cholesterol.
- Anti-inflammatory, anti-microbial, anti-oxidant and expedites healing.
- Lighter formulation does not feel 'heavy' or uncomfortable on sensitive skin.
- Can be used post ablative laser, semi-permanent make-up, tattoo removal, plasma fibroblast
- Non petrochemical derived occlusive ointment.
- Preservative Free, Water Free, and Bacteriostatic Formula.
- Non-comedogenic/ acne safe.

KEY INGREDIENTS & FUNCTIONS

Safflower Seed Oil

A plant lipid that is rich in Omega 6 Linoleic Acid, a critical essential fatty acid found in the skin barrier. Studies have shown that Omega 6 rich lipids can restore skin barrier function, promote healing, and reduce inflammation. Assimilates with the barrier and adds value, compared to silicones and petrolatum.

Glucosyl Ceramides/ Phospholipids/ Cholesterol

A natural, highly purified and concentrated blend of monogalactosylceramide, cholesterol and phospholipids that are analogous to human epidermal lipids. These are key molecules of the stratum corneum for maintaining the integrity of the skin barrier, protecting skin from dryness and insuring the cohesion of corneocytes. Renews epidermal keratinocytes and prevents trans-epidermal water loss.

Tocopherol

A natural, 100% sunflower derived Vitamin E that contains a mix blend of the most dominant lipid soluble antioxidant in the skin. Healing, reduces oxidative stress, accelerates wound healing and moisturizes.

KEY INGREDIENTS & FUNCTIONS

Pomegranate Sterols	Sterol-rich fraction of pomegranate seed oil that is high in Conjugated Linolenic Acid. Increases barrier function and repair, deeply hydrates and moisturizes, and is anti-inflammatory. Acts a highly nutritive, direct replacement for petrolatum. Reduces trans-epidermal water loss.
Elderberry Extract	A superfruit known for its immunomodulating properties. Rich in a variety of phytonutrients that exhibit both anti-oxidant and anti-inflammatory properties, such as caffeic acid, chlorogenic acid, ferulic acid, anthocyanins, and quercetin. A concentrated source of undecylenic acid, an organic fatty acid that provides broad-spectrum anti-microbial benefits.
Bisabolol	An active, isolated terpene-alcohol found in the chamomile plant. This active constituent is known to be a potent anti-inflammatory that soothes sensitive skin, accelerates wound healing, increases hyaluronic acid synthesis, and downregulates the production of pro-inflammatory cytokines such as IL-1a, TNF-a, and LTB4.
Beta Defensin-3 (hBD-3)	A skin-native antimicrobial peptide, that maintains broad spectrum activity against skin pathogens, viruses, and fungi. Acts as selective target of pathogenic microbes, while favoring commensals, supporting probiotic activity and microbiome homeostats. Has proven to be a potent anti-inflammatory, increases keratinocyte proliferation for accelerated wound healing, and influences the skins immune system to become stronger and more robust in its protective capacity.
Aquaporin-3 (AQP)	A cell membrane protein and osmolyte, that allows enhanced flow of uncharged molecules like water, glycerol, and urea, to freely pass into the cells inner chamber, rapidly increasing cellular hydration. For optimal wound healing, well hydrated keratinocytes are required for proper proliferation and differentiation. Aquaporins represent a new class of hydration molecules.
Transforming Growth Factor beta-3 (TGF-b3)	A quintessential anti-inflammatory growth factor that regulates epidermal and dermal cells in healing. TGF-b3 promotes scarless wound healing and rapid skin reepithelization post procedure.
Stearyl Glycyrrhetinate	A lipid ester of glycyrrhetic acid, one of the most therapeutic active compounds found within licorice root, with a chemical structure similar to cortisone. These active constituents, known as pentacyclic triterpenoids, are known anti-irritants and anti-inflammatories. They help to slow the release of histamines, prostaglandins, and interleukins during the inflammatory phase of wound healing, helping to calm redness/erythema, soothe the skin, and reduce burning/itching. It has anti-bacterial properties as well.

Ingredients:

Carthamus Tinctorius (Safflower) Seed Oil, C12-15 Alkyl Benzoate, Caprylic/Capric Triglycerides, Silica, Punica Granatum (Pomegranate) Sterols, Sambucus Nigra (Elderberry) Fruit Extract, Tocopherol, Glucosyl Ceramide, Phospholipids, Cholesterol, Bisabolol, Stearyl Glycyrrhetinate, hBD3H (sh-Oligopeptide-33), Aquaporin (sh-Polypeptide-64), TGF-b3 (sh-Polypeptide-5), Trehalose, Mannitol