

## AnteAGE MD® Brightening Aftercare Kit

AnteAGE MD® Brightening Solution (2ml)

AnteAGE MD® Brightener (5ml)

AnteAGE MD® Serum (5ml)

AnteAGE MD® Accelerator (5ml)

**The AnteAGE MD® Brightening Aftercare Kit** contains four products specially designed to encourage an even skin tone and enhance the recovery process immediately following Laser, RF, and Microneedling treatments.

**AnteAGE MD® Brightening Solution** contains the same powerful rejuvenating growth factors and cytokines as our classic Growth Factor Solution with an added boost of Tranexamic Acid and other melanin synthesis blocking actives. Our unique brightening treatment corrects uneven skin tone and encourages a naturally lighter complexion.

**AnteAGE MD® Brightener** contains powerful ingredients to reveal glowing, healthy skin. This unique Brightener smooths uneven skin tone and encourages a naturally lighter complexion. Tranexamic acid, engineered peptides, and growth factors combine to fade discoloration without drying or irritation- revealing balanced and radiant skin. AnteAGE MD® Brightener can be used daily with any other AnteAGE MD® products and in conjunction with cosmetic treatments.

**AnteAGE MD® Serum** restores skin's ability to recharge itself. This aqueous formula quickly absorbs into your skin with a high concentration of physiologically balanced cytokines (derived from human bone marrow stem cells) fortified with two recombinant Growth Factors, TGF-β3 and IGF-1.

**The AnteAGE MD® Accelerator** is a performance-driven formula rich in moisturizers and revitalizing actives. Beta-defensin 3, Bakuchiol, and Vitamin C work to optimize skin tone and texture while a host of additional actives nourish and protect the skin.



### APPLICATION & USAGE

#### Day 1 Treatment

- Follow device treatment protocol as usual.
- Immediately after treatment apply AnteAGE MD® Brightening Solution liberally to treated area using the entirety of the vial.
- You may also send client home with Hyaluronic Acid to apply as needed.

#### Day 2-5 (Morning and Evening)

- Gently cleanse skin and pat dry.
- Combine one pump of AnteAGE MD® Serum, Accelerator and Brightener and apply to treatment area.

## KEY INGREDIENTS & FUNCTIONS: BRIGHTENING SOLUTION

<b>Bone Marrow Mesenchymal Stem Cytokines</b>	Physiologically balanced bio-signals released upon culture of bone marrow stem cells that help to reduce inflammation, which can lead to discoloration of the skin.
<b>Tranexamic Acid</b>	A synthetic derivative (functional analog) of the amino acid L-Lysine, that has shown promise in reducing unwanted pigmentation via tyrosinase inhibition and reduction in Prostaglandin E2 production. It also acts as a UV induced pigment inhibitor.
<b>N-Acetyl Glucosamine (NAG)</b>	A stable form of glucosamine with increased bioavailability that has proven to reduce melanogenesis and has an even greater performance when combined with Niacinamide.
<b>Tetrapeptide-30</b>	An amino acid sequence (peptide) that provides anti-inflammatory activity and can prevent melanin synthesis by preventing activation of the tyrosinase enzyme.
<b>Nonapeptide-1</b>	An amino acid sequence (peptide) which is specifically designed to counter the effects of alpha-Melanocyte Stimulating Hormone (a-MSH). It can prevent the synthesis of melanin, brighten the skin and reduce hyperpigmentation.
<b>Transforming Growth Factor Beta 3 (TGF-b3)</b>	Regulates epidermal and dermal cells in healing skin, modulates inflammation, and reduces scar formation. Effectively reduces melanocyte damage.
<b>Interleukin-10 (IL-10)</b>	A potent anti-inflammatory and anti-fibrotic cytokines that plays an essential role in controlling and preventing a hyperinflammatory immune response.

### Ingredients:

Water (Aqua), Human Bone Marrow Stem Cell Conditioned Media, Tranexamic Acid, Acetyl Glucosamine, Tetrapeptide-30, Nonapeptide-1, Hyaluronic Acid, Benzyl Alcohol, Dehydroacetic Acid, TGF-b3 (sh-Polypeptide-5), IL-10 (sh-Polypeptide-6)

## KEY INGREDIENTS & FUNCTIONS: BRIGHTENER

<b>Bone Marrow Mesenchymal Stem Cytokines</b>	Physiologically balanced bio-signals released upon culture of bone marrow stem cells help to reduce inflammation, supporting even skin tone, and healthy pigmentation.
<b>Transforming Growth Factor Beta 3 (TGF-b3)</b>	Regulates epidermal and dermal cells in healing skin, modulates inflammation, and reduces scar formation.
<b>Niacinamide (Vitamin B3)</b>	Well-researched benefits include an increase in epidermal ceramide and fatty acid levels, reduction of transepidermal water loss, reduction in unwanted pigmentation, supporting collagen synthesis and decreasing inflammation.
<b>Tranexamic Acid</b>	A synthetic derivative of the amino acid L-Lysine, that has shown promise in reducing unwanted pigmentation via tyrosinase inhibition and reduction in Prostaglandin E2 production. It also acts as a UV induced pigment inhibitor.
<b>Tetrahexyldecyl Ascorbate</b>	A stable, lipid-soluble and highly bioavailable form of Vitamin C that acts as a potent antioxidant, increases collagen production and reduces unwanted pigmentation by reducing the melanogenesis process.

<b>N-Acetyl Glucosamine (NAG)</b>	A stable form of glucosamine with increased bioavailability that has proven to reduce melanogenesis and has an even greater performance when combined with Niacinamide.
<b>Epidermal Growth Factor (EGF)</b>	Epidermal Growth Factor promotes cellular growth and its effects on melanogenesis are hypothesized to be from accelerated wound healing.
<b>Licorice Root Extract</b>	An isoflavonoid found in the licorice root that has numerous biological properties including being an anti-oxidant and anti-inflammatory. Its ability to augment melanogenesis comes from its tyrosinase inhibition potential.
<b>Galangin</b>	A flavonoid found in the ginger family of botanicals shown to have an inhibitory effect on tyrosinase activity, by interacting with the catalytic sites of tyrosinase. The application significantly reduces melanogenesis induced by UVB exposure.
<b>Oligopeptide-51</b>	A bioengineered peptide that inhibits tyrosinase activity via TRP-1 and TRP-2 expression. In addition, it supports cellular regeneration.
<b>Camellia Sinensis Leaf</b>	Active constituents are known as Catechins within Green Tea, that show strong anti-inflammatory properties and anti-melanogenic effects in skin.

## Ingredients:

Water (Aqua), Caprylic/Capric Triglyceride, Tranexamic Acid, Tetrahexyldecyl Ascorbate, Cetearyl Phosphate, Niacinamide, Acetyl Glucosamine, Squalane, Polyacrylate-13, Human Bone Marrow Stem Cell Conditioned Media, TGF-b3 (sh-Polypeptide-5), EGF (sh-Oligopeptide-1), Bisabolol, Oligopeptide-51, Morus Alba Leaf Extract, Camellia Sinensis Leaf Extract, Glycyrrhiza Glabra (Licorice) Root Extract, Lecithin, Helianthus Annuus (Sunflower) Seed Oil, Sodium PCA, Glycerin, Polyisobutene, Polysorbate 20, Dehydroacetic Acid, Benzyl Alcohol, Propanediol, Sodium Hydroxide, Disodium EDTA, Tocopherol

## KEY INGREDIENTS & FUNCTIONS: SERUM

<b>Bone Marrow Mesenchymal Stem Cytokines</b>	Physiologically balanced bio-signals released upon culture of Bone Marrow stem cells. Acting as the "command and control" over the processes of healing and inflammation.
<b>Niacinamide (Vitamin B3)</b>	Well researched benefits included an increase in epidermal ceramide and fatty acid levels, reduction of transepidermal water loss, reduction in unwanted pigmentation, supporting collagen synthesis, and decreasing inflammation.
<b>Carnosine</b>	A dipeptide that targets the interaction of proteins and sugar molecules which create pro-aging Advanced Glycation End Products or AGEs. Also acts as a powerful antioxidant.
<b>Palmitoyl Oligopeptide</b>	Anti-aging peptide that stimulates the synthesis of collagen and hyaluronic acid in the deep layers of the skin. Provides mild UV protection and has been shown to duplicate the effects of retinoids without the irritation.
<b>Palmitoyl Tetrapeptide-7</b>	Anti-aging peptide complex that acts as a cellular messenger to stimulate collagen and Hyaluronic Acid to increase skin elasticity and tone. Synthesizes ECM and improves the visible appearance of wrinkles.
<b>Catechins &amp; Flavonoids</b>	Botanical based, well-researched anti-oxidants. The active constituents of these botanicals are powerhouse molecules that defend and protect the skin from environmental assault.
<b>Transforming Growth Factor Beta 3 (TGFb-3)</b>	Regulates epidermal and dermal cells in healing skin, modulates inflammation, and reduces scar formation.

**Insulin-Like Growth  
Factor 1 (IGF-1)**

This is the major mediator of growth hormone stimulated somatic growth, and mediator of GH-independent anabolic responses.

**Interleukin-10 (IL-10)**

An anti-inflammatory cytokine that is responsible for controlling the over expression of pro-inflammatory cytokines seen in abundance within acneic skin.

**Ingredients:**

Water (Aqua), Human Bone Marrow Stem Cell Conditioned Media, Cetyl Ethylhexanoate, Niacinamide, Dimethyl Isosorbide, Polyacrylate-13, Glycerin, Hydrolyzed Myrtus Communis Leaf Extract, Butylene Glycol, Carbomer, Polysorbate 20, Palmitoyl Tripeptide-1, Palmitoyl, Tetrapeptide-7, Polyisobutene, Benzyl Alcohol, Salicylic Acid, Sorbic Acid, Sorbitan Isostearate, Carnosine, Ilex Paraguariensis Leaf Extract, Maltodextrin, Disodium EDTA, TGF-beta 3 (sh-Polypeptide-5), IGF-1 (sh-Oligopeptide-2)

**KEY INGREDIENTS & FUNCTIONS: ACCELERATOR**

**Bone Marrow  
Mesenchymal  
Stem Cytokines**

Physiologically balanced bio-signals released upon culture of Bone Marrow stem cells. Acting as the "command and control" over the processes of healing and inflammation.

**Human Beta  
Defensin 3**

A unique anti-microbial peptide that shows a broad range of activity against invading pathogens, helping to support healthy skin ecology and defense systems.

**Skin Mimetic Lipids**

A combination of ceramides, fatty acids and botanical oils that deeply condition, moisturize and nourish the skins protective lipid barrier.

**Tocopheryl Acetate  
(Vitamin E)**

Lipid soluble form of Vitamin E. Powerful antioxidant that prevents lipid peroxidation and defends against suns UV rays.

**Tetrahexyldecyl  
Ascorbate  
(Vitamin C)**

Lipid soluble and highly stable form of Vitamin C. Supports healthy collagen production, acts as a powerful free radical scavenger and reduces unwanted pigmentation.

**Panthenol  
(Pro-Vitamin B5)**

Acts as a humectant and moisturizer, stimulates collagen production.

**Hyaluronic Acid**

A humectant that attracts and holds moisture in the skin cells for a rapid increase in hydration and volume.

**Iris Isoflavones**

Plant-derived molecule acting as a phytoestrogen. Studies show it may prevent photo-aging, stimulates hyaluronic acid production and reduces skin dryness.

**Bakuchiol**

A novel, plant-derived, retinoid-like molecule that activates retinoic acid receptor activity without the irritation of retinoids; stimulates collagen and elastin; anti-oxidant; anti-inflammatory; anti-microbial.

**Ingredients:**

Water (Aqua), Butylene Glycol, Hydroxypropyl Starch Phosphate, Glycerin, Human Bone Marrow Stem Cell Conditioned Media, C12-15 Alkyl Benzoate, Caprylic/Capric Triglyceride, Cetearyl Alcohol, Tetrahexyldecyl Ascorbate, Bakuchiol, Tocopheryl Acetate, Ethyl Linoleate, Iris Florentina Root Extract, Pentylene Glycol, Tamarindus Indica Seed Gum, Sodium Hyaluronate, Citric Acid, Panthenol, Candelilla/Jojoba/Rice Bran Polyglyceryl-3 Esters, Glyceryl Stearate, Sodium Stearoyl Lactylate, Tremella Fuciformis Sporocarp Extract, Betaine, Potassium Sorbate, Glycosphingolipids, Tasmannia Lanceolata Fruit Extract, Syzygium Luehmannii Fruit Extract, Kunzea Pomifera Fruit Extract, Magnesium Aluminum Silicate, Simmondsia Chinensis (Jojoba) Seed Oil, Thioctic Acid, Ubiquinone, Xanthan Gum, Phenoxyethanol, Caprylyl Glycol, Ethylhexylglycerin, Hexylene Glycol, hBD3 (sh-Oligopeptide-33), Limnanthes Alba (Meadowfoam) Seed Oil