



Capactuel
MEDICAL

Esthétique préventive et réparatrice

PROSTROLANE

B-Series

Innovative Injectables

With Novel Peptide and **Sustained Release Technology**

For Face, Eye & Body Contouring

CE

2265

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PROSTROLANE *B-Series* **Novel Peptide and Sustained Release Technology**

Body Contouring

Inner-B

Safe and efficient Localized Fat Reduction

(Double chin, Abdomen, Thighs, Knees, Upper arms, Love Handles, Jowl etc)

Eye Contouring

Inner-B^{SE}

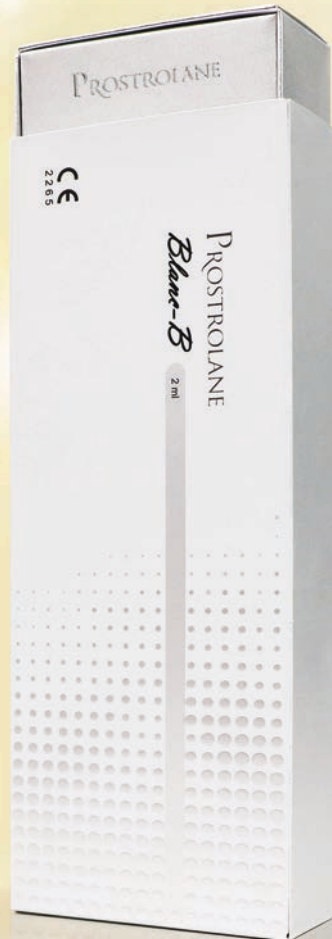
Safe and efficient Eyebag Reduction



Face Contouring

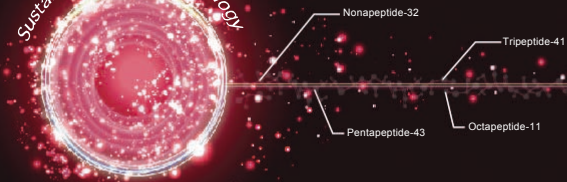
Natural-B Natural Look - No artificial Augmentation

Blanc-B Radiant Look - Skin Brightening

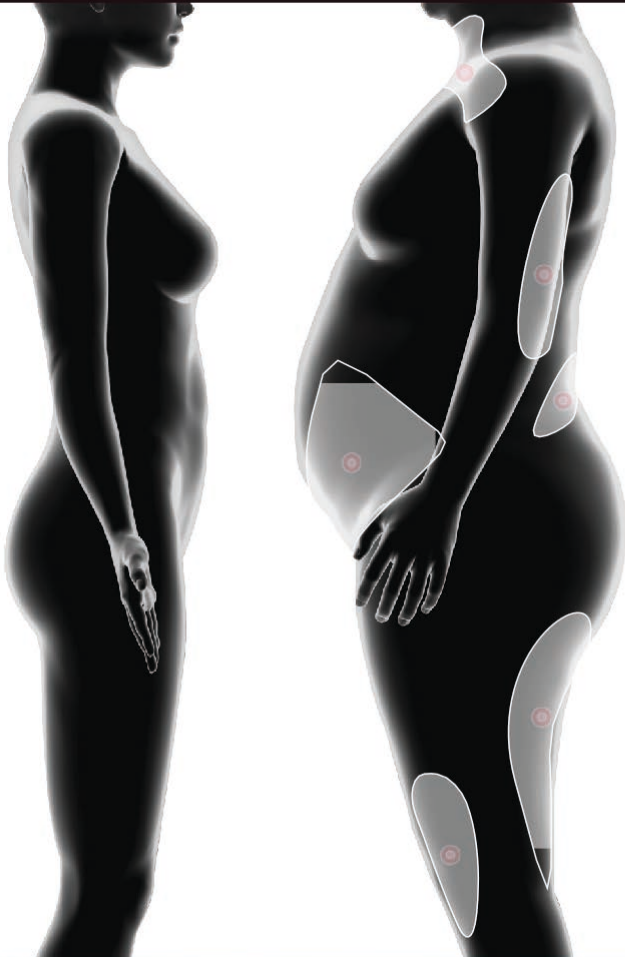


Let your inner beauty take a shape with **Prostrolane Inner-B**

Sustained Release Technology



Prostrolane Inner-B is indicated for Body Contouring



Advantages & Innovative Features

- Safe and Efficient Localized Fat Reduction (No Tissue Necrosis -> Control size of adipocyte)
- Super Painless
- No injection site reaction after procedure (No Edema, No Bruise, No Numbness, No erythema ... Etc.)
- Patented Novel Peptide for localized fat reduction
- Sustained Release Technology for 2 weeks

Composition

PBS (Phosphate Buffered Saline), Sodium Hyaluronate (0.7%), Prostrolane Inner-B Peptide complex (Nonapeptide-32, Pentapeptide-43, Tripeptide-41, Octapeptide-11)

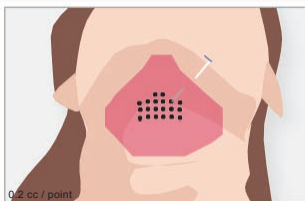
Capacity

2 mL x prefilled syringe

Combine with Home Care

RF Body Contouring Cream 100 mL

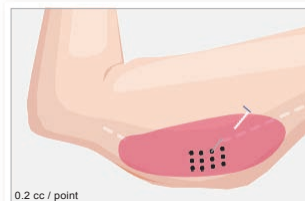
Application of Prostrolane Inner-B



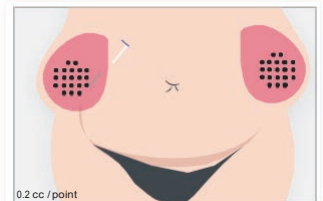
Double chin



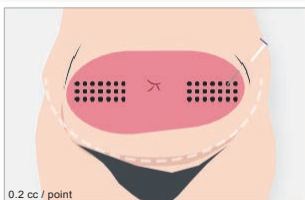
Jowl



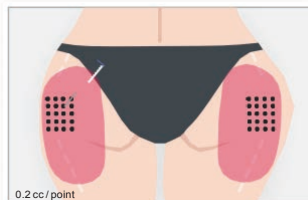
Upper arms



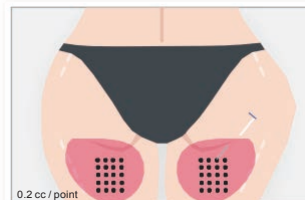
Love Handles



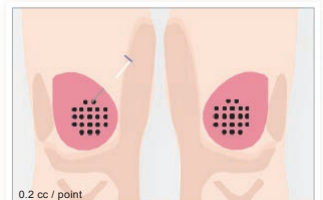
Abdomen



Outer thighs

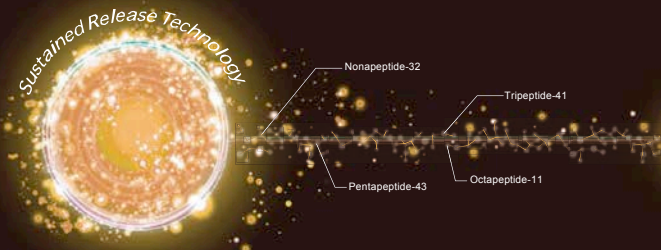


Inner thighs



Knees

Let your eyebags vanish with **Prostrolane Inner-B^{SE}**



Prostrolane Inner-B^{SE} is indicated for Eye Contouring



Advantages & Innovative Features

- Safe and efficient Eyebag reduction
- Visible result even after one treatment
- Patented Novel Peptide for reducing eyebags
- Sustained Release Technology for 2 weeks

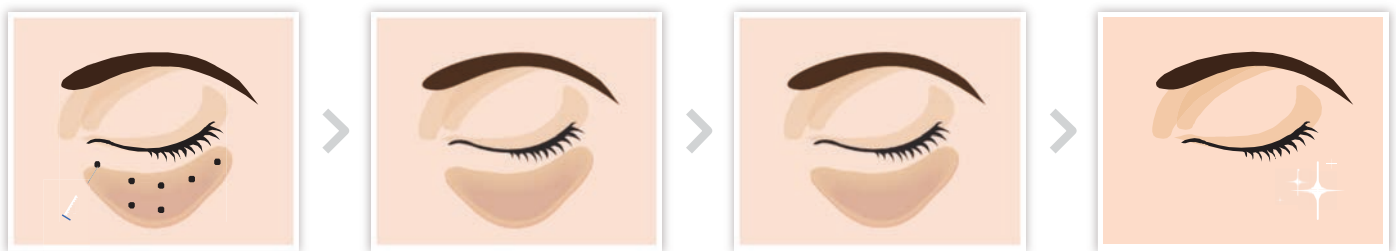
Composition

PBS (Phosphate Buffered Saline), Sodium Hyaluronate (0.7%), Prostrolane Inner-B Peptide complex (Nonapeptide-32, Pentapeptide-43, Tripeptide-41, Octapeptide-11)

Capacity

1 mL x prefilled syringe

Application of Prostrolane Inner-B^{SE}



Recommended dosage and sessions

- 1 session every 2 weeks

Total session

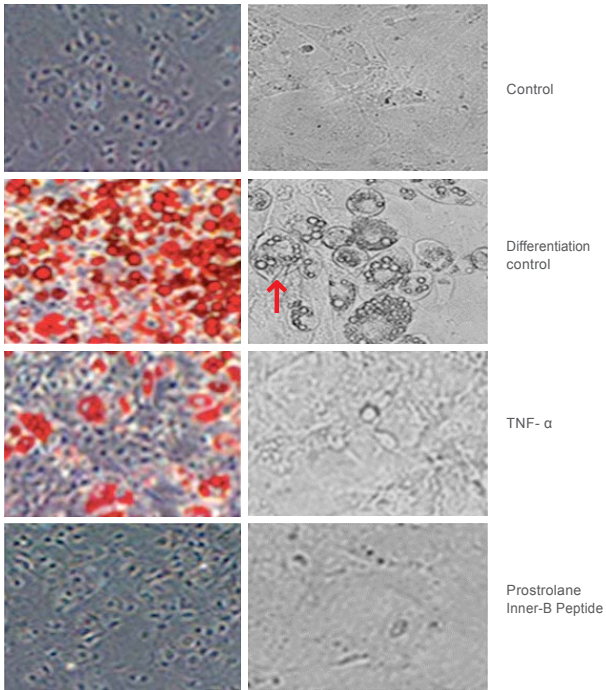
- 2 sessions

Application

- 0.3 ~ 0.4cc on each side of targeted area (0.03 ~ 0.05cc per point)

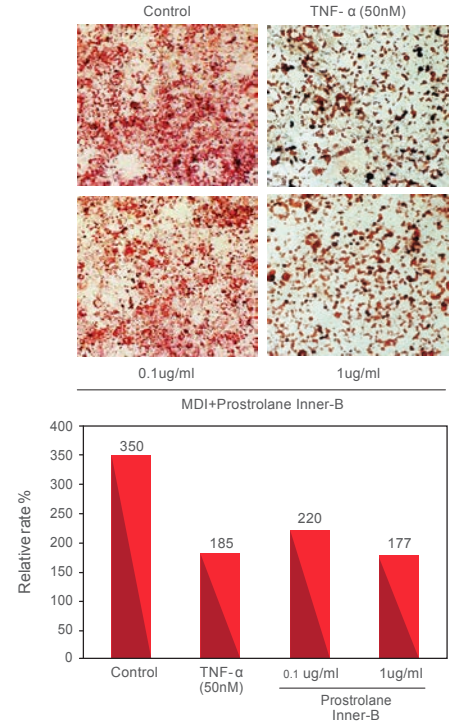
— In vitro Test Data

1. Inhibitory effect of Prostrlane Inner-B on lipogenesis in pre-adipocytes



Differentiation conditioned Media induced lipid droplets were strongly decreased in Prostrlane Inner-B Peptide treated pre-adipocyte cells, which implied down regulation of lipogenesis by Prostrlane Inner-B Peptide. TNF-α: Positive Control

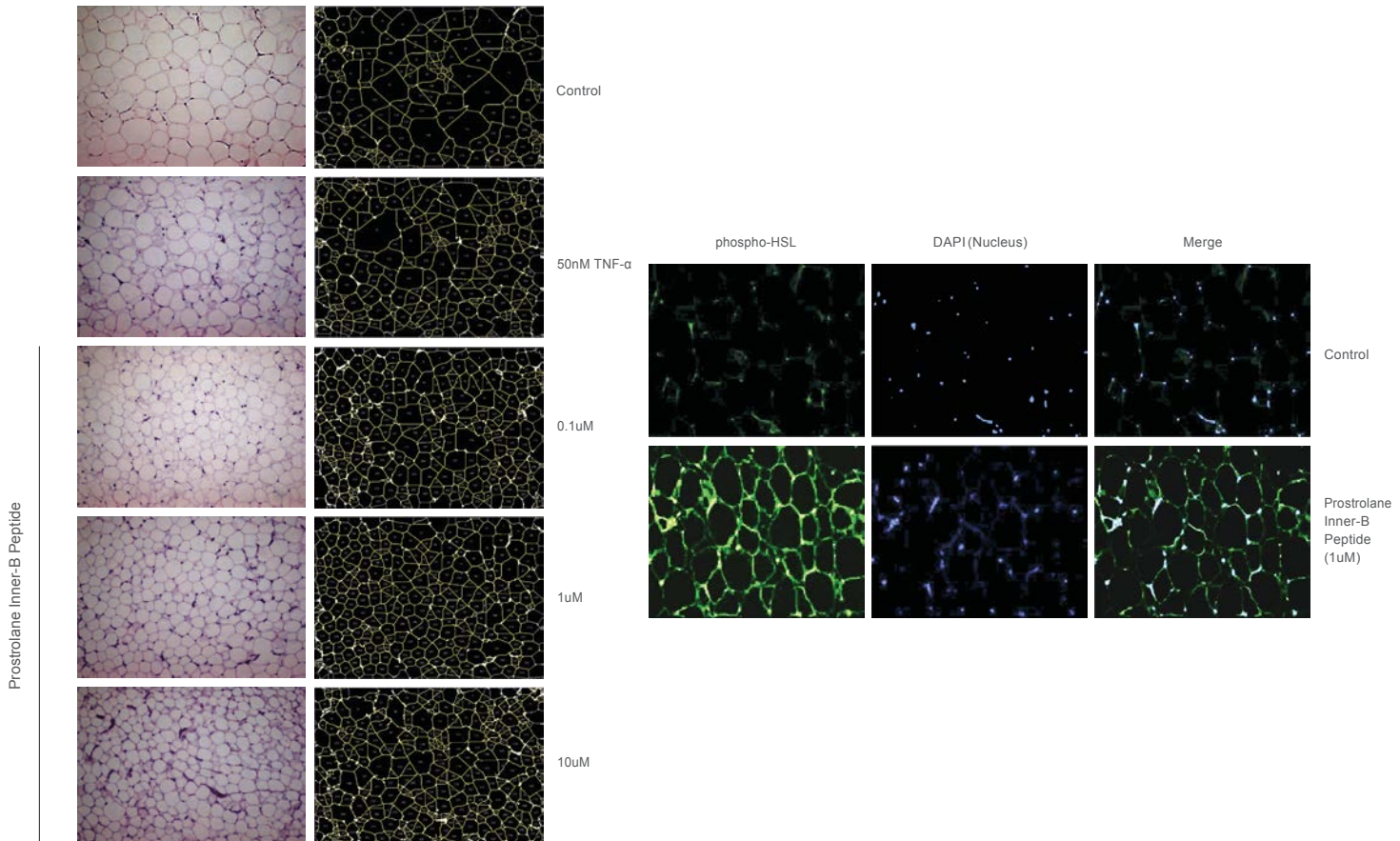
2. Stimulating effect of Prostrlane Inner-B on lipolysis in adipocytes



Lipid droplets in differentiated adipocytes were reduced by Prostrlane Inner-B Peptide. TNF-α: Positive Control

— Ex vivo Test Data

1. Stimulating effect of Prostrlane Inner-B on lipolysis in adipose tissue.



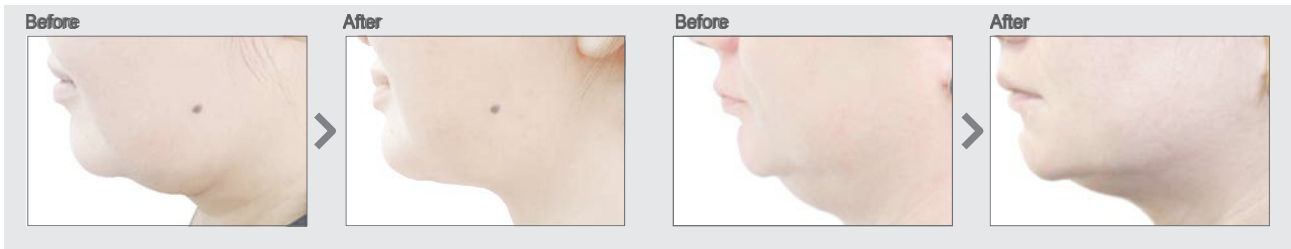
The size of adipocytes was dramatically reduced by Prostrlane Inner-B Peptide. TNF-α: Positive Control

The phosphorylation level of lipolysis-related enzyme, HSL, was increased by Prostrlane Inner-B Peptide in adipose tissue.

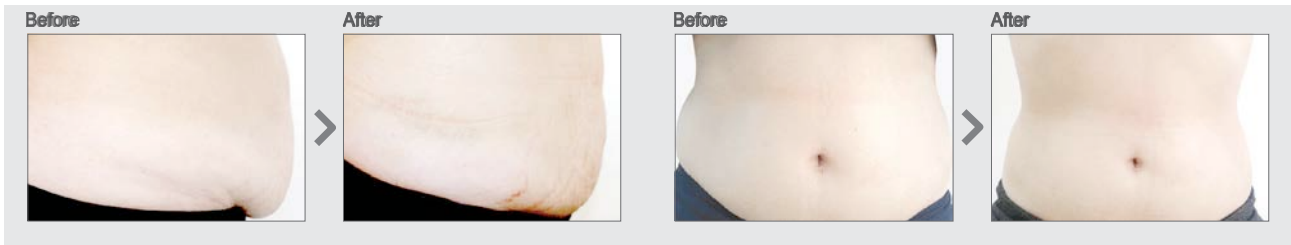
Clinical Test Data

The clinical study to evaluate the safety and efficacy of Prostralan Inner-B

01. Double chin 2 syringes per session (3 sessions by 2 weeks of interval)



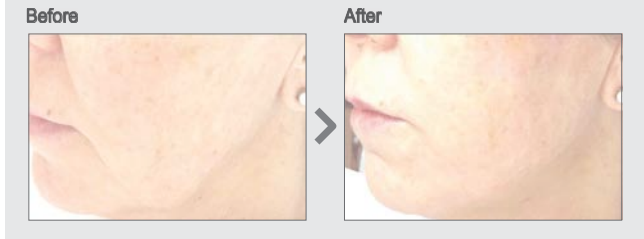
02. Abdomen 4 syringes per session (4 sessions by 2 weeks of interval)



03. Love Handles 2 syringes per session (4 sessions by 2 weeks of interval)



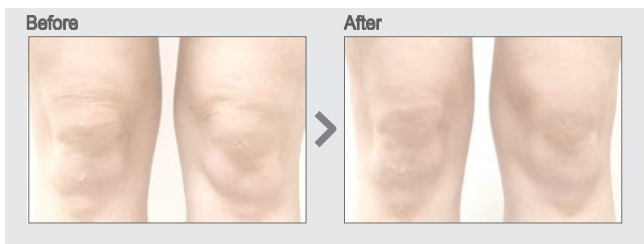
04. Jowl 1 syringe per session (3 sessions by 2 weeks of interval)



05. Thighs 4 syringes per session (4 sessions by 2 weeks of interval)



06. Knees 2 syringes per session (4 sessions by 2 weeks of interval)

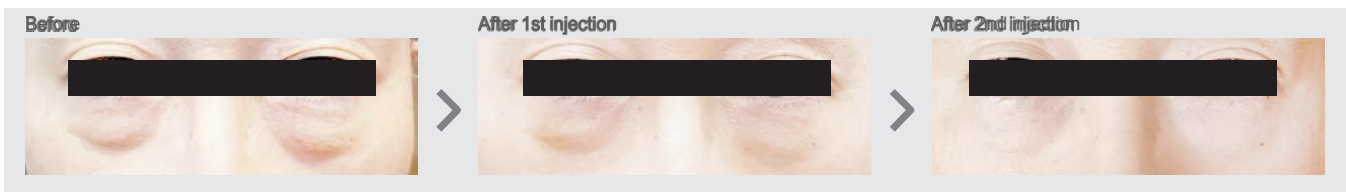


07. Upper Arms 2 syringes per session (3 sessions)

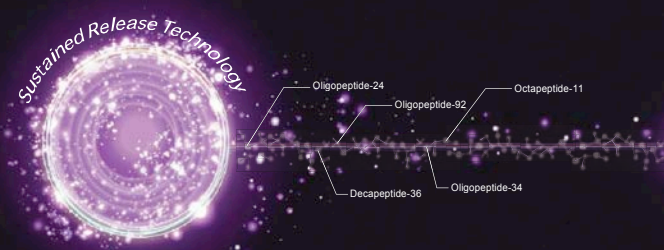


The clinical study to evaluate the safety and efficacy of Prostralan Inner-B^{SE}

Under Eyes 1 syringe per session (2 sessions by 2 weeks of interval)



Let a natural beauty be with *Prostrolane Natural-B*



Prostrolane Natural-B is indicated for Face Contouring



Advantages & Innovative Features

- Natural Look even after procedure performed
- Natural Correction of facial wrinkles
- Skin Revitalization
- Patented Novel Peptide for Skin Revitalization
- Sustained Release Technology for 2 weeks

Capacity

2 mL x prefilled syringe

Composition

PBS(Phosphate Buffered Saline), Sodium Hyaluronate (0.7%)
Prostrolane Natural-B Peptide Complex (Oligopeptide-24, Decapeptide-36, Octapeptide-11, Oligopeptide-34, Oligopeptide-92)

Combine with Home Care

Intensive Extra Firming Serum 10 mL x 2ea

Application of Prostrolane Natural-B

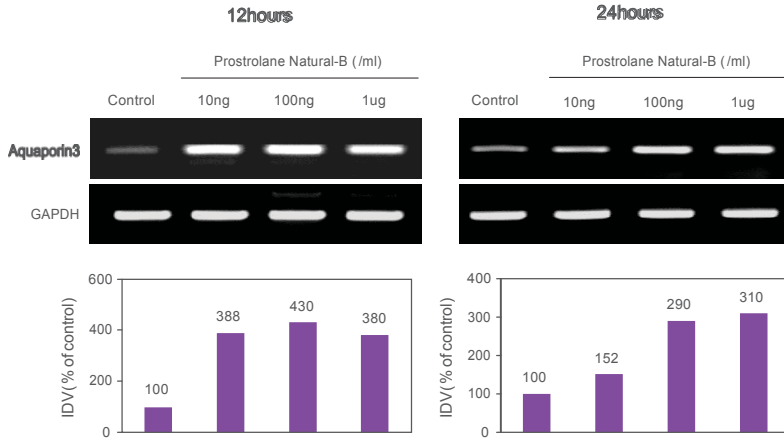
- Recommended usage volume : 2ml / area (Max usage : 4ml / area)
- Frequency : 1 session / 2 weeks (Total 2 sessions)
(repeat protocol as necessary)



— In vitro Test Data

1. Regulation of Aquaporin3 Gene Expression

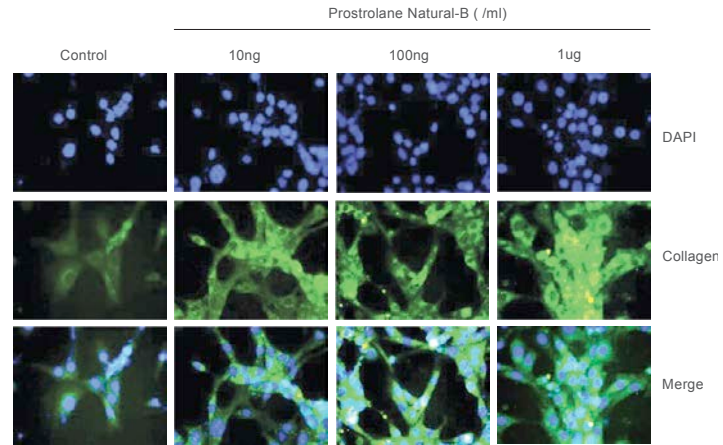
Cell: HaCaT Keratinocyte / Culture time: 12, 24hours
Method: RT-PCR analysis



Up-regulation of Aquaporin3 gene expression by Prostrolane Natural-B
Aquaporin3 is a gene related to skin hydration which expression was increased by Prostrolane Natural-B on Keratinocyte. IDV: Integrated density value

2. Regulation of Collagen expression

Cell: NIH3T3 Fibroblast / Culture time: 48hours
Method: Immunocytochemistry assay



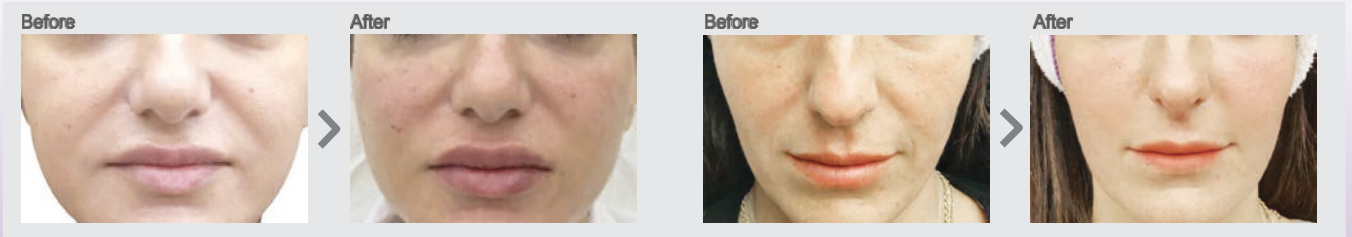
Up-regulation of Collagen expression by Prostrolane Natural-B
Prostrolane Natural-B showed positive regulation of Collagen expression. Increased expression of Collagen (169%) was observed in a dose dependent manner with Prostrolane Natural-B on fibroblast in ELISA analysis.

— Clinical Test Data

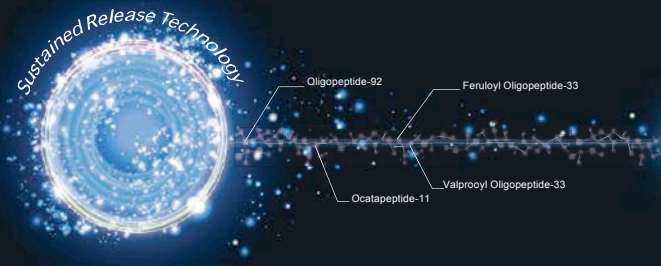
01. Nasolabial folder & under-eyes 2 syringes per session (3sessions by 2weeks of interval)



02. Nasolabial folder & Fine-wrinkles 2 syringes per session (3sessions by 2weeks of interval)



Let your beauty shine with *Prostrolane Blanc-B*



Prostrolane Blanc-B is indicated for Face Contouring and Skin Brightening



Advantages & Innovative Features

- Radiant Look + Skin Brightening
- Restoring from photo-aging and wrinkled skins
- Natural correction of facial wrinkles
- Patented Novel Peptide for Skin Brightening
- Sustained Release Technology for 2 weeks

Capacity

2 mL x prefilled syringe

Composition

PBS(Phosphate Buffered Saline), Sodium Hyaluronate (0.7%), Prostrolane Blanc-B Peptide Complex (Oligopeptide-92, Octapeptide-11, Feruloyl Oligo peptide-33, Valprooyl Oligopeptide-33)

Combine with Home Care

Intensive Extra Illuminating Serum 10mL x 2ea

Application of Prostrolane Blanc-B

- Recommended usage volume : 2 mL / area (Max usage : 4ml / area)
- Frequency : 1 session / 2 weeks (Total 2 sessions) (repeat protocol as necessary)

Whole face

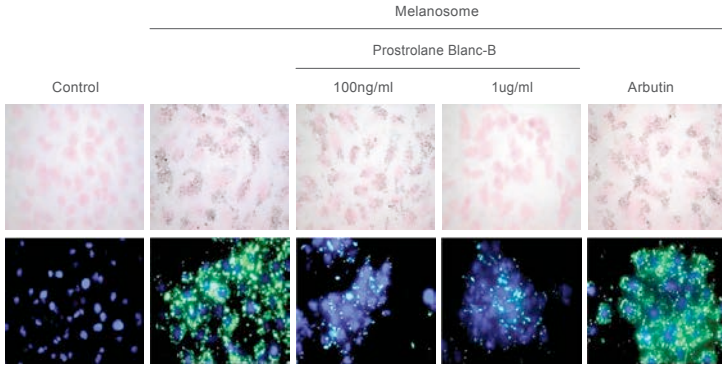
Pigment spots



— In vitro Test Data

1. Inhibition of Melanosome Transfer

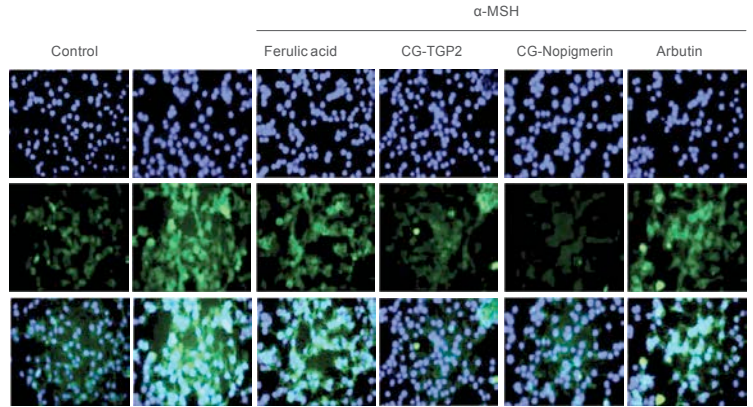
Cell: HaCaT Keratinocyte / Culture time: 1day
 Method: Melanosome transfer measurement by Phagocytosis assay (bioparticle, melanosome)
 Concentration: Prostrolare Blanc-B 100ng, 1ug/ml / Positive control: Arbutin: 100ug/ml



Melanosome transfer assay
 Prostrolare Blanc-B inhibits melanosome transfer to keratinocyte

2. Inhibition of Tyrosinase Activity

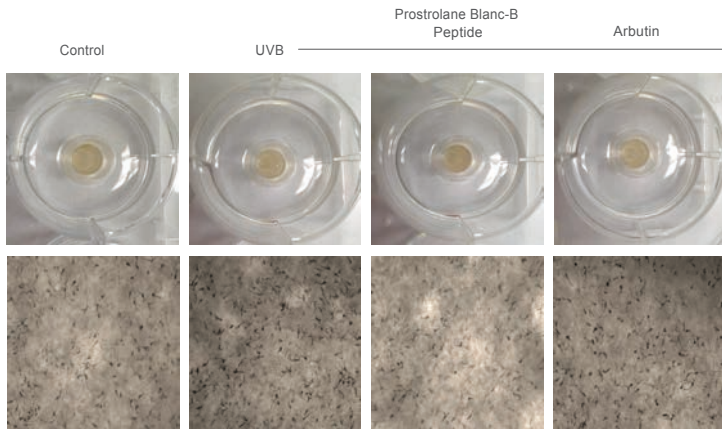
Cell: B16F10 melanocyte / Culture time: 3day
 Method: Tyrosinase activity(L-Dopa) by immunocytochemistry
 Concentration: Arbutin 200uM, Ferulic acid 50uM, CG-TGP2 50uM, CG-Nopigmerin 50uM
 Stimulator: α -MSH-200ug/ml



Enzyme activity was checked under immunocytochemistry after 3days incubation of CG-Nopigmerin treatment. We observed the decreased enzyme activities in a dose-dependent manner.

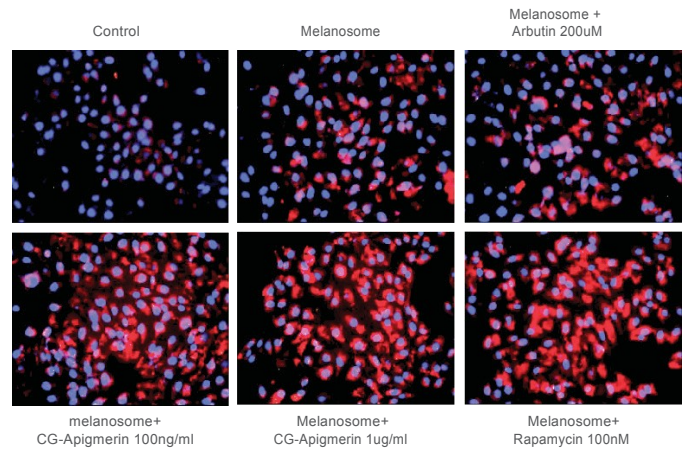
3. Inhibition of Melanin synthesis

Tissue: Melanoderm 3D artificial skin
 Culture condition: 100mJ/cm² UV-B irradiation (3 times/week)
 Concentration: 200ug/ml Prostrolare Blanc-B, 200ug/ml Arbutin
 Method: Fontana-Masson staining (melanin staining)



4. Melanosome Degradation-Lysosome activity

Cell: HaCaT Keratinocyte
 Culture time: 24Hrs
 Method: DQ-BSA assay



— Clinical Test Data

Skin tone & Brightness 2 syringes per session (2sessions by 2weeks of interval)



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