















iS CLINICAL





CLINICAL STUDIES COMPARISON CHART









PRODUCT(S)	PARAMETER(S) MEASURED	STUDY TYPE	IMPORTANCE OF STUDY/ RESULTS	STUDY METHOD
 <p>ACTIVE PEEL SYSTEM</p>	Photos, Collagen	Subject and Ultrasound	Increased dermal collagen synthesis, clinical improvements in various ethnic groups	8 week period of photo improvements, subject evaluations of product, dermal ultrasound for collagen synthesis
 <p>BRIGHTENING COMPLEX</p>	Cytokines	Chemical Assay	Product caused no release of inflammatory messengers, competitors generate inflammation	Inflammatory cytokine release measured for several brightening/ lightening products
 <p>BRIGHTENING COMPLEX</p>	Melanin Synthesis	Cell	Product decreased melanin synthesis 37% in stimulated melanocytes	Melanin synthesis in melanocytes measured with stimulation with and without product
 <p>BRIGHTENING COMPLEX</p>	Antioxidant Power	Chemical Assay	Strongly neutralized free radicals	Oxygen Radical Absorption Capacity (ORAC)





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 <p>BRIGHTENING SERUM</p>	Hyperpigmentation	Subject	Improved hyperpigmentation in subjects, 33% of whom were Asian ethnicity	Clinical grading, subject evaluation, instrument measurement of hyperpigmentation
 <p>ECLIPSE SPF 50+</p>	Gene Activation	Skin Tissue	Demonstrated environmental pollution protection	Measured gene activation with and without product upon exposure to pollution DPM <0.18um
 <p>EXTREME PROTECT® SPF 30</p>	Thymine Dimers	Skin Tissue	Protected against formation of thymine dimers/DNA damage with sun exposure	Measured sun-exposed thymine dimer generation with and without product
 <p>EXTREME PROTECT® SPF 30</p>	Sunburn Cells	Skin Tissue	Protected against sunburn cell formation/DNA damage with sun exposure	Measured sun-exposed sunburn cells with and without product





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 <p>EXTREME PROTECT® SPF 30</p>	Gene Activation	Skin Tissue	Demonstrated environmental pollution protection	Measured gene activation with and without product upon exposure to pollution DPM <0.18um
 <p>EXTREME PROTECT® SPF 40</p>	Gene Activation	Skin Tissue	Protected against blue light damage	Measured gene activation with and without product upon exposure to blue light
 <p>EXTREME PROTECT® SPF 40</p>	Thymine Dimers	Skin Tissue	Protected against thymine dimer formation/DNA damage from solar UVA/UVB exposure	Measured thymine dimers, a critical type of DNA damage, with UVA/UVB exposure
 <p>EXTREME PROTECT® SPF 40</p>	Sunburn Cells	Skin Tissue	Protected against DNA damage from solar UVA/UVB exposure	Measured sun-exposed sunburn cells with and without product





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 <p>EXTREME PROTECT® SPF 40</p>	Gene Activation	Skin Tissue	Demonstrated environmental pollution protection	Measured gene activation with and without product upon exposure to pollution DPM <0.18um
 <p>GENEXC® SERUM</p>	Gene Activation	Skin Tissue	Protected against blue light damage	Measured gene activation with and without product upon exposure to blue light
 <p>GENEXC® SERUM</p>	Gene Activation	Skin Tissue	Returned genes to more youthful functioning	Measured gene upregulation/ downregulation with product
 <p>LIPROTECT® SPF 35</p>	Thymine Dimers	Skin Tissue	Protected against thymine dimer formation/DNA damage from solar UVA/UVB exposure	Measured thymine dimers, a critical type of DNA damage, with UVA/UVB exposure





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 <p>LIPROTECT® SPF 35</p>	Sunburn Cells	Skin Tissue	Protected against DNA damage from solar UVA/UVB exposure	Measured sun-exposed sunburn cells with and without product
 <p>NECKPERFECT COMPLEX®</p>	Neck Aging	Subject	Improved visible signs of neck aging in various ethnic groups	Measured hydration by Corneometer, firmness and elasticity by Cutometer, skin texture/smoothness by VisioScan, digital photos
 <p>PERFECTINT® POWDER SPF 40</p>	Gene Activation	Skin Tissue	Protected against blue light damage	Measured gene activation with and without product upon exposure to blue light
 <p>PERFECTINT® POWDER SPF 40</p>	Gene Activation	Skin Tissue	Demonstrated environmental pollution protection	Measured gene activation with and without product upon exposure to pollution DPM <0.18um




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 <p>PRO-HEAL SERUM® ADVANCE+®</p>	Gene Activation	Skin Tissue	Protected against blue light damage	Measured gene activation with and without product upon exposure to blue light
 <p>PRO-HEAL SERUM® ADVANCE+®</p>	Inflammation	Subject and Biopsy	Prevented inflammation	Skin exposed to inflammatory stimulus with and without product, clinical grading, biopsy
 <p>PRO-HEAL SERUM® ADVANCE+®</p>	Antioxidant Power	Chemical Assay	Strongly neutralized free radicals, better than competitors	Oxygen Radical Absorption Capacity (ORAC)
 <p>PRO-HEAL SERUM® ADVANCE+®</p>	Intracellular Antioxidant Power	Cell	Strongly neutralized free radicals within cells	Measured free radical neutralization within cells when product applied outside of cells




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 <p>IS CLINICAL PROFESSIONAL PRODIGY PEEL SYSTEM CLINICAL & PROFESSIONAL PEEL STEP 1: PRODIGY PEEL STEP 2: PRODIGY PEEL PRO SYSTEM STEP 3: PRODIGY PEEL PRO SYSTEM STEP 4: PRODIGY PEEL PRO SYSTEM STEP 5: PRODIGY PEEL PRO SYSTEM STEP 6: PRODIGY PEEL PRO SYSTEM STEP 7: PRODIGY PEEL PRO SYSTEM STEP 8: PRODIGY PEEL PRO SYSTEM STEP 9: PRODIGY PEEL PRO SYSTEM STEP 10: PRODIGY PEEL PRO SYSTEM</p> <p>PRODIGY PEEL SYSTEM</p>	Skin Improvements	Subject	Improved aging, hyperpigmentation and dermal thickness on ultrasound	Evaluation of clinical parameters of aging, hyperpigmentation, ultrasound for dermal thickness
 <p>IS CLINICAL PROFESSIONAL PRODIGY PEEL PRO SYSTEM CLINICAL & PROFESSIONAL PEEL STEP 1: PRODIGY PEEL STEP 2: PRODIGY PEEL PRO SYSTEM STEP 3: PRODIGY PEEL PRO SYSTEM STEP 4: PRODIGY PEEL PRO SYSTEM STEP 5: PRODIGY PEEL PRO SYSTEM STEP 6: PRODIGY PEEL PRO SYSTEM STEP 7: PRODIGY PEEL PRO SYSTEM STEP 8: PRODIGY PEEL PRO SYSTEM STEP 9: PRODIGY PEEL PRO SYSTEM STEP 10: PRODIGY PEEL PRO SYSTEM</p> <p>PRODIGY PEEL PRO SYSTEM</p>	Skin Improvements	Subject	Improved aging, hyperpigmentation and dermal thickness on ultrasound	Evaluation of clinical parameters of aging, hyperpigmentation, ultrasound for dermal thickness
 <p>IS CLINICAL PROFESSIONAL REPARATIVE MOISTURE EMULSION REPAIRS AND REHYDRATES RESTORES SKIN BARRIER IMPROVES SKIN TEXTURE AND TONE</p> <p>REPARATIVE MOISTURE EMULSION</p>	Pollution Damage	Skin Tissue	Improved protection, lessened damage from pollution	Measured SOD and 8-isoprostane with and without product upon exposure to pollution <DPM 2.5
 <p>IS CLINICAL PROFESSIONAL RETINOL+ EMULSION 0.3 REPAIRS AND REHYDRATES RESTORES SKIN BARRIER IMPROVES SKIN TEXTURE AND TONE</p> <p>RETINOL+ EMULSION 0.3</p>	Gene Activation	Skin Tissue	Complex gene activation including keratolytic effects, regeneration, barrier support	Measured gene upregulation/ downregulation with product

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 <p>RETINOL+ EMULSION 0.3</p>	Gene Activation, DEJ Anchoring Filament Immunofluorescence	Skin Tissue	DEJ anchoring filament strengthening	Histology with immunofluorescence
 <p>RETINOL+ EMULSION 1.0</p>	Gene Activation	Skin Tissue	Complex gene activation including keratolytic effects, regeneration, barrier support	Measured gene upregulation/ downregulation with product
 <p>RETINOL+ EMULSION 1.0</p>	Gene Activation, Circadian Rhythm, Gene Immunofluorescence	Skin Tissue	Improved circadian rhythm entrainment/night repair	Histology with immunofluorescence
 <p>SHEALD™ RECOVERY BALM</p>	Pollution Damage	Skin Tissue	Improved protection, lessened damage from pollution	Measured SOD and 8-isoprostane with and without product upon exposure to pollution <DPM 2.5

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 <p>SUPER SERUM ADVANCE⁺[®]</p>	Antioxidant Power	Chemical Assay	Strongly neutralized free radicals, better than competitors	Oxygen Radical Absorption Capacity (ORAC)
 <p>SUPER SERUM ADVANCE⁺[®]</p>	Collagen Synthesis	Cell	Improved fibroblast collagen synthesis	Measured collagen synthesis in human fibroblasts for 3 days with only 1 product application
 <p>SUPER SERUM ADVANCE⁺[®]</p>	Surgical Scars	Subject and Biopsy	Improved surgical scar appearance and biopsy findings	Linear scar and mastectomy scar photos, skin biopsy
 <p>YOUTH BODY SERUM</p>	Skin Improvements	Subject	Improved skin hydration, surface topography, consumer perception	Measured hydration by Corneometer, surface topography by SkinCam, subject evaluation

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 <p>YOUTH COMPLEX®</p>	Collagen Synthesis	Cell	Increased fibroblast collagen synthesis improved aging appearance	Measures collagen synthesis in human fibroblasts for 3 days with only 1 product application
 <p>YOUTH COMPLEX®</p>	Skin Improvements	Subject	Improved fine lines and wrinkles, smoothness/firmness, hydration/ moisture and overall skin texture	Measurement of several age-related parameters at 1 hour, 4 weeks, 8 weeks
 <p>YOUTH EYE COMPLEX®</p>	Skin Improvements	Subject	Improved periorbital wrinkling, softness/smoothness, firmness and hydration in all ethnic groups	Measurement of several age-related parameters of the aging eye at 4 hours, 1 day, 7 days, 30 days
 <p>YOUTH INTENSIVE CRÈME®</p>	Skin Improvements	Subject	Improved skin hydration, firmness, tone and texture of various ethnic groups	Measurement of several age-related parameters at 1 day by Corneometer, 1 week by Corneometer and Cutometer and at 4 weeks by Corneometer, Cutometer, and Clinical Grading. Subject evaluations at all time periods

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 <p>YOUTH INTENSIVE CRÈME®</p>	Gene Activation	Skin Tissue	Demonstrated environmental pollution protection	Measured gene activation with and without product upon exposure to pollution DPM <0.18um
 <p>YOUTH SERUM</p>	Collagen Synthesis	Cell	Fibroblast collagen synthesis was increased by Youth Serum, but other 2 products did not increase collagen synthesis	Comparison of collagen synthesis in 55+ year old human fibroblasts
 <p>ACTIVE SERUM & CLEANSING COMPLEX</p>	Skin Improvements	Subject	Multitasking benefits for active acne, scarring, pore size, skin texture, fine lines and wrinkles, pigment irregularities	Application twice daily for 3 months in subjects of varying ages and skin types, 6 parameters measured
<p>5 PRODUCT REGIMEN</p> <p>Cleansing Complex, Active Serum, Pro-Heal Serum® Advance +®, Youth Eye Complex®, and an iS Clinical SPF product</p>	Skin Improvements	Subject	Improved multiple skin issues, profilometry, dermal thickness on ultrasound	Clinical grading of subjects of various ages with various skin issues, profilometry, ultrasound dermal thickness over a 12 week period

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 <p>SHEALD™ RECOVERY BALM & CLEANSING COMPLEX</p>	Post-Procedure Outcomes	Subject	Improved peeling, milia, re-epithelialization/healing, post-fractional laser	Ranking poll comparison by plastic surgeon and dermatologists for application post-fractional laser
 <p>RETINOL+ EMULSION 0.3 CLEANSING COMPLEX EXTREME PROTECT® SPF 30</p>	Instrument Measurements, Ultrasound, Photos, Subject Questionnaire	Subject	Improved visible signs of aging and hydration, maintained barrier in various ethnic groups	Subjects used product for 3 months with 2 application methods
 <p>RETINOL+ EMULSION 1.0 CLEANSING COMPLEX EXTREME PROTECT® SPF 30</p>	Instrument Measurements, Ultrasound, Photos, Subject Questionnaire	Subject	Improved visible signs of aging and hydration, maintained barrier in various ethnic groups	Subjects used product for 3 months