

BEAUTY BY DL

SKIN PROBIOTIC+

SHELF-STABLE

PROTECTS & HYDRATES SKIN AND SCALP[‡]

CO-FORMULATED BY SHELENA LALJI, M.D.[†]

SKIN PROBIOTIC+ contains a combination of clinically studied probiotic strains plus carotenoids to protect and hydrate skin and scalp.[‡]



PROTECTS skin barrier against environmental factors that impact aging[‡]



ENHANCES skin appearance, radiance and elasticity[‡]



HYDRATES scalp and reduces flaking[‡]

INDIVIDUALS WHO SUPPLEMENTED WITH ST-11 (10 BILLION CFU) HAD IMPROVED SCALP HYDRATION AFTER TWO MONTHS^{‡*}



INGREDIENT RESEARCH

The probiotic strains in Skin Probiotic+, *Lactobacillus paracasei* (St-11) and *Lactobacillus johnsonii* (La-1), have been shown to impact the skin by enhancing barrier integrity and moisture retention.[‡]

PROBIOTIC STRAINS: St-11 and La-1

St-11 has been shown to:

- Increase transforming growth factor β (TGF β) levels compared to control, which plays an important part in the growth and development of keratinocytes, serving a pivotal role in maintaining skin barrier function.[‡]
- Rebalance skin homeostasis to support healthy scalp hydration and reduced scalp flaking after two months[‡]

La-1 has been shown to:

- Enhance skin cell density and defenses with a daily dose combined with a carotenoid mixture[‡]

Both **St-11 and La-1** have been shown to:

- Decrease skin sensitivity and reactivity[‡]
- Increase skin barrier function recovery[‡]

(CONTINUED ON BACK)

[†]Dr. Shelena Lalji is a retained advisor to Douglas Laboratories.

^{*}Equivalent to ingredients in one dose of Skin Probiotic+

THERE'S SCIENCE IN BEAUTY™

[‡]These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.

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INGREDIENT RESEARCH (CONTINUED)

CAROTENOIDS: Beta-Carotene, Lycopene and Astaxanthin

- Several studies have reported that carotenoid-rich supplements containing **beta-carotene** can support healthy skin aging by decreasing reactive oxygen species, resulting in improved facial wrinkles, elasticity, and hydration.†
- **Lycopene** supports the skin's defenses against environmental stress and has been shown in middle-aged adults to replenish degraded forms of lycopene, producing a rejuvenating effect and more closely resembling the skin profile of young adults.†
- In a clinical study, supplementation with 4 mg of **astaxanthin** significantly reduced the depth of crow's feet wrinkles and skin redness.†

PRODUCT DETAILS

SUGGESTED USAGE: 1 DAILY PL

Serving Size 1 Vegetarian Acid-Resistant Capsule

Servings Per Container 30

Amount Per Serving	
Vitamin A (as beta-carotene)	2,350 mcg
Astaxanthin (<i>Haematococcus pluvialis</i> algae extract)	4 mg
Lycopene	2.5 mg
<i>Lactobacillus johnsonii</i> (La-1)	1 Billion CFU
<i>Lactobacillus paracasei</i> (St-11)	10 Billion CFU

Other ingredients: Capsule (hydroxypropyl methylcellulose, pectin, glycerol, purified water), microcrystalline cellulose, ascorbyl palmitate, hydroxypropyl cellulose

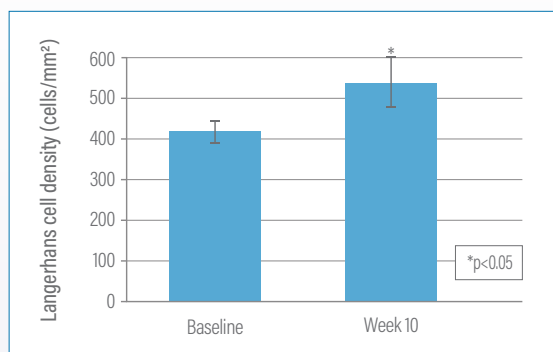
Formula	Size
202566	30 Vegetarian Acid-Resistant Capsules

PL Denotes private label-eligible formula

FOR ADDITIONAL SKIN SUPPORT, CONSIDER TAKING IN COMBINATION WITH **OMEGA BEAUTY, SKIN NOURISH AND HYDROLYZED COLLAGEN+†**

THE SCIENCE IN BEAUTY

IMPROVEMENT IN SKIN CELL DENSITY AND DEFENSES†



Langerhans cells of the skin play an important role in immune function and are negatively affected by environmental stressors. The aging skin is associated with decreased Langerhans cell density, wrinkle formation, dark spots, and collagen degradation. In a clinical trial, a daily dose of probiotic supplementation consisting of La-1 (1 Billion CFU) and a carotenoid mixture (4.7 mg β -carotene, 2.5 mg lycopene) was shown to enhance skin cell density and defenses. After 10 weeks, epidermal cells were exposed to environmental stress, and individuals who supplemented had a significant increase in Langerhans cell density compared to baseline, $p < 0.05$. Thus, a healthy aging combination of probiotic La-1, β -carotene (vitamin A), and lycopene may support exposed skin against environmental stressors to promote healthy skin appearance.†

Bouilly-Gauthier D, Jeannes C, Maubert Y, et al. *Br J Dermatol.* 2010;163(3):536-43.

A DAILY DOSE OF LA-1 (1 BILLION CFU) AND A CAROTENOID MIXTURE WAS SHOWN TO **ENHANCE SKIN DENSITY AND DEFENSES AFTER TEN WEEKS†**