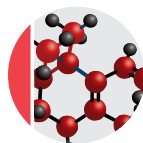
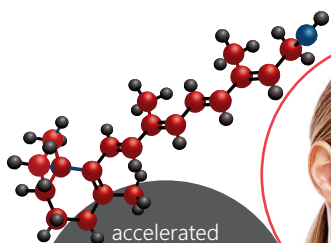


maximizing retinol efficacy



Cogesome®RL



accelerated
epidermal renewal

Retinol

enhanced collagen
and hyaluronic acid
production



a liposomal ingredient
containing 2.5% retinol,
extremely effective in
enhancing delivery to
the living cell layers
of the skin.

The power of retinol is undisputed. Accelerated epidermal renewal, enhanced collagen and hyaluronic acid production – retinol, properly managed, is one of skin's best supporters, making healthy glow and youthful appearance very attainable goals. The key here is proper active management. While powerful, if not properly deployed, retinol efficacy will fall short – rapid penetration and targeted delivery to the living layers of the skin are essential to realizing the extraordinary benefits of retinol. Cogesome® RL quickly shepherds retinol from the skin's surface to the ideal delivery point in the epidermal and dermal layers, maximizing efficacy.

Cogesome® RL

Product ID – R10115

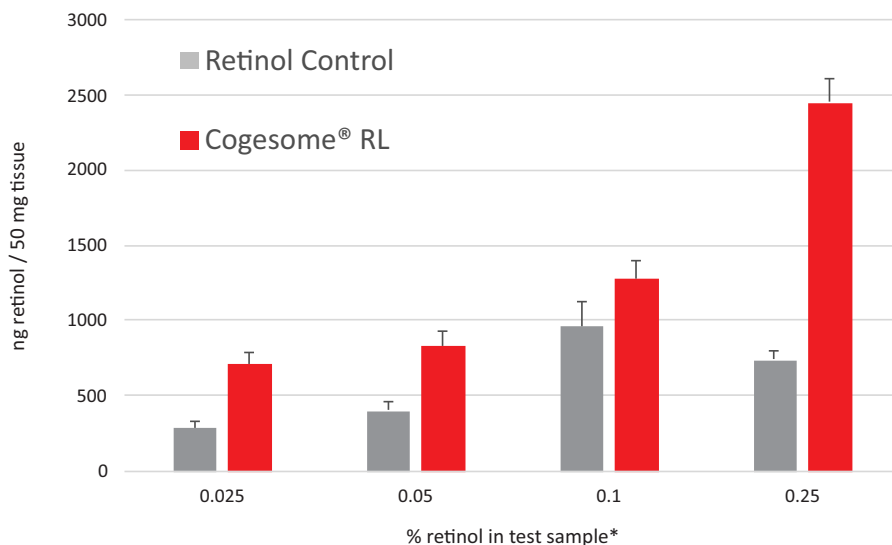
Suggested Use Level – 1% - 10%

Water (and) Pentylene Glycol (and) Lecithin (and) Retinol
(and) Polysorbate 20 (and) Glycerin (and) Tocopherol (and) Ethanol
(and) Potassium Phosphate (and) Sodium Hydroxide

Skin Penetration Study

Cogesome® RL enhances penetration of retinol into the living cell layers of the skin for better efficacy. To demonstrate this, an independent study measured topical delivery of retinol into *ex vivo* human skin by a formulation containing Cogesome® RL compared to a control formulation of retinol in caprylic capric triglycerides (CCT), a common hydrophobic carrier that rapidly penetrates into the stratum corneum. As shown below, after a 24-hour treatment, Cogesome® RL (at 1%, 2%, 4%, and 10%) increased retinol levels in the dermis compared to identical levels of retinol (as indicated) in the control formulation.

Retinol Delivery into the Dermis by Cogesome® RL



>200%

increase in retinol delivery
to living layers of the skin at
highest concentration,
>150% increase on average.

Delivery of retinol to the epidermal and
dermal layers of the skin was significantly
increased by using Cogesome® RL.

*0.025% retinol = 1% Cogesome® RL
0.050% retinol = 2% Cogesome® RL
0.100% retinol = 4% Cogesome® RL
0.250% retinol = 10% Cogesome® RL

Contains Retinol

If you are pregnant or breastfeeding, please
observe appropriate safety precautions.

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compelling skincare science.