

HYDRAgen

Evaluate the moisturizing power of your active ingredient.



The **superficial layer of epidermis**, the stratum corneum (SC), protects human body from external stress including dehydration.

Many mechanisms involved in epidermal barrier maintaining, contribute to the state of hydration balance: natural moisturizing factors (NMF), glycerol produced by aquaporin and the specific organization of the SC with corneocytes, **the stratum corneum and the lipids are crucial in the hydration balance.**

The **development** of more effective moisturizing **active ingredients is crucial** to fit with consumers' needs.

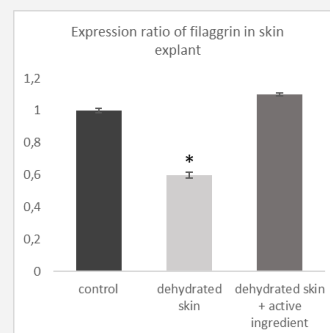
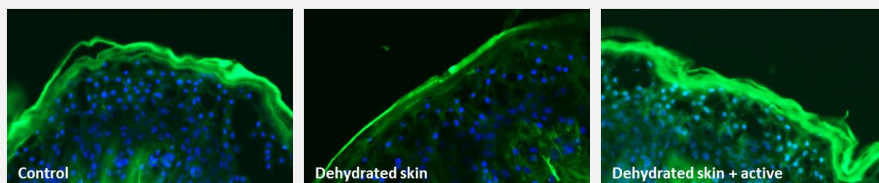


HYDRAgen allows you to evaluate the moisturizing *potential* of your active ingredient using various innovative and robust techniques.

HYDRAgen Model

The expression of the Filaggrin protein is decreased under dehydration stress conditions. The active protects/restores the stratum corneum.

Filaggrin immunolabelling



HYDRAgen is a highly efficient model thanks to the presence of the different skin constituents. Physiologically closer to **in vivo conditions** and **increase efficiency** due to the presence of the different skin constituents.

Your Benefits

Relevant: from a wide range of techniques, we will precisely assess the effect of your active ingredient.

Affordable: cost effective adapted only to the techniques you'll need.

Fast: accurate results delivery as from 3 months.