

Sensitive skin are skins subject to disorders and allergic reactions such as eczema. They can be overly dry or injured, leading to skin reactions. A skin can become sensitive because of excessive exposure to skin-damaging environmental factors such as sun, excessive heat and cold as well as genetic factors like age and gender.

The epidermis, that represents the first line of defense against external aggression, functions as an innate immune system that activates the inflammation pathway in order to respond to these threats.

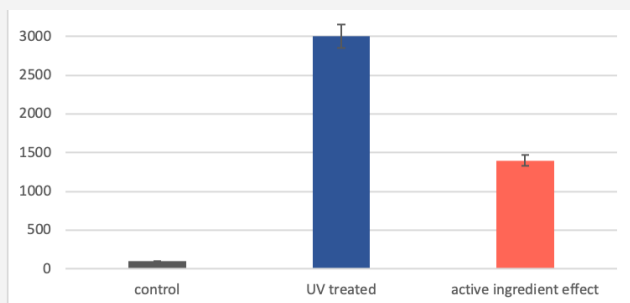
The development of active ingredients that can regulate this inflammation is crucial to understand how the skin response to these damaging factors. But the inflammation pathways are composed of multi-complex proteins and are therefore extremely complicated to understand.



SENSIgen provides a set of innovative and comprehensible tests to evaluate the role of your active ingredient on the skin inflammation response.

SENSIgen Method

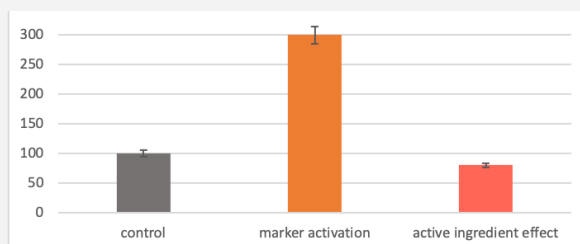
Investigate how the inflammation is activated after UV stress



The effect of the active ingredient in reducing the inflammation from UVB-radiation is determined through a caspase staining as well as ROS activation test.

Immunology test on key markers of the inflammation pathway

Key markers involved in the activation of the inflammasome are examined using ELISA tests.



Your Benefits

Reliable: optimized process that guarantees fast and accurate results.

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.