



# StratiCELL-BOX

## A cost-optimized multi-testing solution

The **StratiCELL-BOX** is a cost-optimized multi-testing solution including standard *in vitro* assays carefully combined by StratiCELL to ease and accelerate the biological screening of innovative dermo-cosmetic actives.



**Skin-Ageing-BOX**

**Pollution-&-Light-Damage-BOX**

Select the **StratiCELL-BOX** adapted to your project and save precious time and budget on your preclinical *in vitro* research.

**Included in each StratiCELL-BOX :**

- *Determination of 2 non-cytotoxic doses per active*
- *Efficacy comparison to a positive reference*
- *Biological triplicates analysis (N=3)*
- *Complete study analysis and scientific reporting*

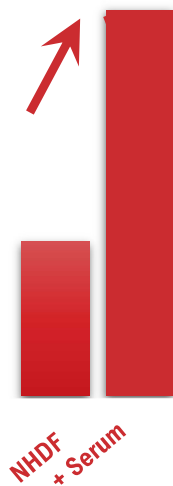
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## Skin-Ageing-BOX

Package of 5 *in vitro* assays defining the influence of raw ingredients on extracellular matrix remodeling, photo'ageing, cell proliferation and oxidative stress, using Normal Human Dermal Fibroblasts (NHDF).

### Cell proliferation

Bromo-deoxy-Uridine incorporation



### Extracellular Matrix Remodeling

Hyaluronic acid secretion (ELISA)

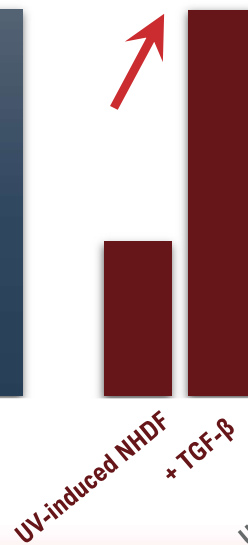


### Photo'ageing

Pro-collagen-I secretion (ELISA)



Pro-collagen-I secretion (ELISA)



### Oxidative stress

Reactive Oxygen Species (DCFDA probe)



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## Pollution-&-Light-Damage-BOX

Define the benefits of raw active ingredients on protecting Normal Human Epidermal Keratinocytes (NHEK) and Normal Human Dermal Fibroblasts (NHDF) to urban dust pollutants and UV light damages.

### Extracellular Matrix Remodeling

Pro-collagen-I secretion (ELISA)

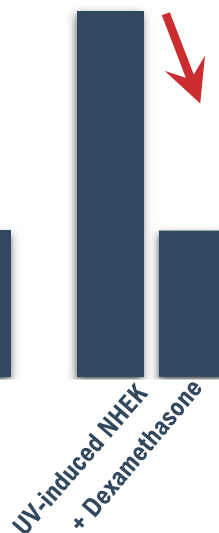


### Inflammation

IL-6 secretion (ELISA)

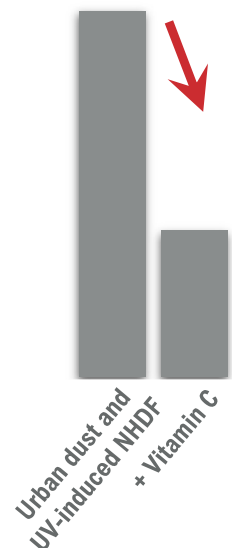


TNF-alpha secretion (ELISA)



### Oxidative stress

Reactive Oxygen Species (DCFDA probe)



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**Unit cost  
optimization**



**Direct *in vitro*  
reporting**



**Accelerate  
time-to-market**