



instaCELL[®] SKIN SENSITIZATION assay kits

- cell-based *in vitro* assays
- address key events of sensitization
- include assay ready cells for instant use

Key Event 2

Induction of Oxidative Stress in Keratinocytes

Tested *in vitro* by the activation
of the ARE/Nrf2 pathway
in luciferase reporter gene cell lines*
Kerati noSens[®] or LuSens (OECD TG 442D)



Key Event 3

Activation of Dendritic Cells

Tested *in vitro* by the expression of CD54 and
CD86 in THP-1 or U937 cells (OECD TG 442E)

* Cells contain technology from Promega (U.S. Pat. No. 8008006 & EU Pat. No. 1341808B1) and may only be used under the terms of a limited use license. Kerati noSens[®] and LuSens are distributed under licenses from Givaudan and BASF.

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instaCELL® SKIN SENSITIZATION

- **assay kit I: h-CLAT Cell Line Activation Test**
includes assay ready THP-1 cells
- **assay kit II: U-SENS Cell Line Activation Test**
includes assay ready U937 cells
- **assay kit III: KeratinoSens®**
includes assay ready ARE/Nrf2 reporter cells
- **assay kit IV: LuSens**
includes assay ready ARE/Nrf2 reporter cells



MAKE YOUR LIFE EASIER

- safe laboratory resources,
no maintenance cell culture required
- obtain reproducible results
from reliably performing cells
- flexibly schedule your assay,
cells are instantly available at any time

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