



# *In vitro* Skin Irritation

## **3D Human Tissue Constructs Rhe test (OECD 439)**

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Exposure of the skin to certain chemicals, could potentially cause damage to the outermost layer of the skin. When this damage is temporary and reversible, it is known as skin irritation. It is one of the important end points for regulatory authorities worldwide.

JRF Global offers the *in vitro* dermal irritation test using 3D Human Tissue Constructs. These constructs are obtained from human epithelial cells, which on differentiation form both the epidermis and a fully functional stratum corneum. The irritation potential of the chemical is ascertained by using the MTT assay, and the associated purple color change. JRF's experienced scientific team will be happy to discuss and customize the test according to your needs.

