

## Evaluation report on two *in vitro* assays for skin irritation testing

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### Summary

At the request of the Japan Center for the Validation of Alternative Methods (JaCVAM), we translated into the Japanese language as well as reviewed both the content of and supporting documentation for proposed alternatives to animal testing for skin irritation that use a cultured skin model (excluding those that had previously been reviewed) that have thus far been submitted by the European Center for the Validation of Alternative Methods (ECVAM), which established OECD Test Guideline No. 439 *In Vitro* Skin Irritation Reconstructed Human Epidermis Test Method.

As a result of our review, we conclude that alternative methods to animal testing for skin irritation that use EpiSkin, EpiDerm SIT, or SkinEthics RHE (MTT index) are capable of distinguishing whether or not a chemical has potential to cause skin irritation, provided that such tests are performed in accordance with OECD test guidelines.