



In vitro Dermal Absorption (OECD 428)

Dermal absorption refers to the process that results in chemical substances passing through the skin barrier and enter the circulatory system. The rate of dermal absorption of the substance depends upon the length of exposure, properties of the item / formulation, dose and concentration of the item. The permeability characteristics of the skin layers stay the same, even when the skin is separated from the body. Therefore, *in vitro* dermal absorption study is an excellent alternative to traditional *in vivo* studies, without compromising on the accuracy of data and measurements.

This study needs to be performed very precisely, requiring a combination of expert scientific skills, superior technical knowledge and attention-to-detail. Leveraging our vast scientific experience and regulatory expertise, JRF Global offers *in vitro* dermal absorption studies in accordance to OECD 428. Our scientists will work with you to create a customized program using human or rat skin as the matrix, whether it is a finished product or a cosmetic ingredient.