

〈原著〉

ウサギにおける眼刺激性試験の洗眼方法の検討

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Studies on Eyewashing Procedures in the Rabbit Eye Irritation Test

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Abstract

In eye irritation tests such as the Draize test, the Federal Register approved method, and the OECD recommended method, the rabbit eye is used as the standard for measuring the irritancy potential of substances such as shampoos, etc. Each test is performed both with and without eyewashing. However, the duration between application of test substances and eyewashing varies according to the procedure. The present study examines the effect of various eyewashing conditions when shampoo was used as the irritant substance. The effect of eyewashing was examined both with and without the nictating membrane. The optimal eyewashing method was determined to be flushing the eye with 100 ml of water within 15 seconds following the introduction of shampoo into the eye regardless of the presence or absence of the nictating membrane.