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**Cumulative skin irritation test of marine elastine in rabbit**

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This study was conducted to evaluate the cumulative skin irritation effects of marine elastine administrated onto the back in the six healthy male New Zealand White rabbits. On the shaved back skin, two parts(2.5X2.5cm)were used as control and treatment sites. The doses of 0.2ml Elastine were topically applied to treatment site on the back of clipped rabbit once daily for 14 days. Vehicle was treated to the control site. Observation and evaluation of cumulative skin irritation was performed by Draize Method. No erythema and edema did appear in the treatment site. Based on this result, it is concluded that aqueous elastine has no cumulative skin irritation.

**Keyword** : cumulative skin irritation, elastine