

CLINICAL EFFICACY TEST REPORT

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***In vivo* Determination of Sun Protection Factor
for NAG Kayman Beauty Suntella UV Milk
SPF50+ PA++++**

February 24, 2022

BY

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REPORT SUMMARY

Title	<i>In vivo</i> Determination of Sun Protection Factor for NAG Kayman Beauty Suntella UV Milk SPF50+ PA++++		
Sponsor	[REDACTED]	Test Period	Dec. 15, 2021 ~ Jan. 12, 2022
Test Center	DERMAPRO Ltd.	Report Date	February. 24, 2022
Purpose	To determine the sun protection factor (SPF) of sunscreen products on human skin		
Test Product	NAG Kayman Beauty Suntella UV Milk SPF50+ PA++++		
Subjects	Total 10 male and female subjects aged 20 to 60 years (average age: 42.9±14.5 yrs) satisfying inclusion and exclusion criteria		
Method	<p>1. Determination of unprotected MED Ten subjects were selected on the basis of inclusion and exclusion criteria. All of the subjects were irradiated UV radiation which is geometric progression of 1.25 on the back area for determination of unprotected Minimal Erythema Dose (MED_u).</p> <p>2. Determination of reference and protected MED The reference sunscreen and the test product were applied to the back area (between scapula line and the waist) by 2.00±0.05 mg/cm². After 15 minutes stabilizing, UV light (solar simulator loaded 300 watt xenon lamp) was irradiated to test sites by one's individual MED value. The MED was determined within 16-24 hours after the UV irradiation.</p> <p>3. Validation of the test The 95% confidence interval (CI) was within a range of ±17% of the mean SPF.</p>		
Result	<p>The Sun Protection Factor (SPF) of test product NAG Kayman Beauty Suntella UV Milk SPF50+ PA++++ was 70.9±5.6.</p> <p>The skin adverse reaction was not observed during the study.</p>		
Appendixes	Informed consent form, Case report form, Research members and facilities		