

Fragrance-free fluid SPF50⁺

In vivo efficacy
of photoprotection against
HEV-Blue light (HEV-BL)
induced skin pigmentation



1
country



16

subjects

100% Women

Study objectives

Evaluate the photoprotective effect of a photoprotector, containing TriAsorB sunscreen, against HEV-BL induced pigmentation.

Comparison between 3 zones tested on the back:

- treated and exposed to HEV-BL
- non-treated and exposed to HEV-BL
- non treated non exposed: control

2 medical consultations
day 1 and day 2

USED ALONE

EAU THERMALE
Avène
LABORATOIRE DERMATOLOGIQUE



PATENTED
TriAsorB™

SUNCARE

EAU THERMALE AVÈNE NON-TINTED FLUID SPF50⁺ TESTED ON SUBJECTS WITH PHOTOTYPES III-IV

EFFICACY

1h after exposure,
the product
prevented from
HEV-BL induced
hyperpigmentation*
versus non-treated

-50.7 %

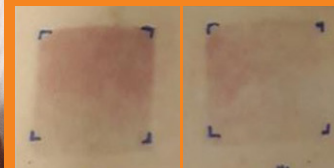
EFFICACY

24h after exposure,
the product
prevented from
HEV-BL induced
hyperpigmentation*
versus non-treated

-54.7 %

PICTURES

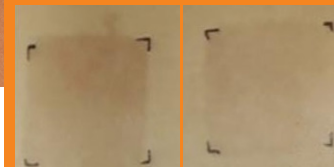
1H POST-EXPOSURE TO HEV-BL



No sunscreen

PATENTED
TriAsorB™

24H POST-EXPOSURE TO HEV-BL



No sunscreen

PATENTED
TriAsorB™

*Pigmentation assessment via ITA° (Individual Typology Angle)

Boyer F, Delsol C, Ribet V, Lapalud P. Broad-spectrum sunscreens containing the TriAsorB™ filter: In vitro photoprotection and clinical evaluation of blue light-induced skin pigmentation. J Eur Acad Dermatol Venereol. 2023;37(Suppl. 6):12-21. <https://doi.org/10.1111/jdv.19290>