

Supporting information for:

Silver Nanoparticles Protect Skin from Ultraviolet B-Induced Damage in Mice

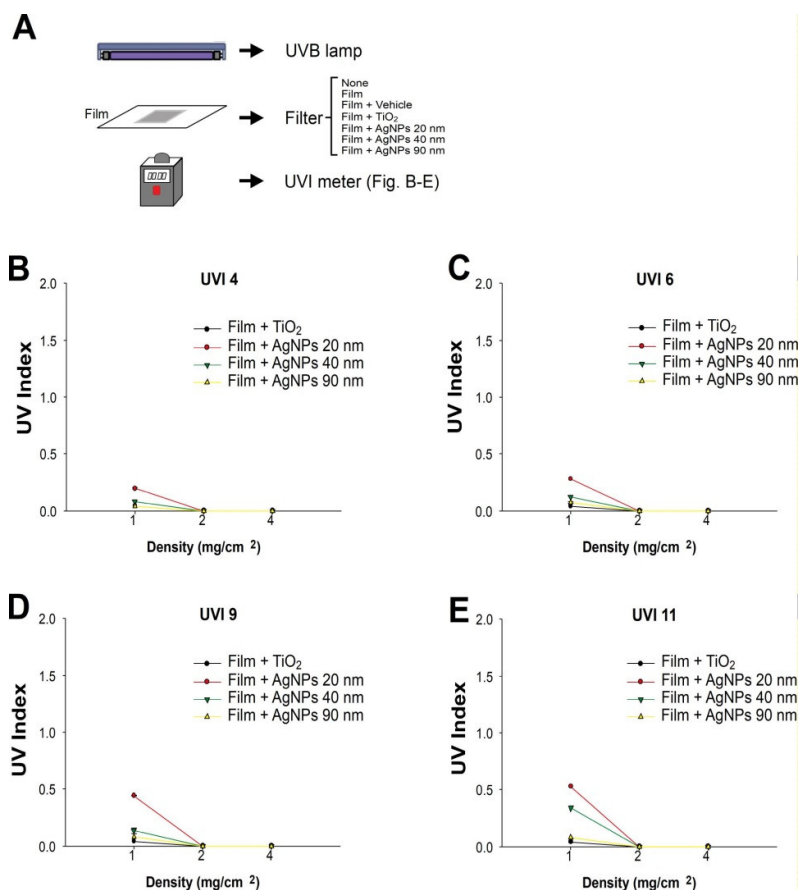
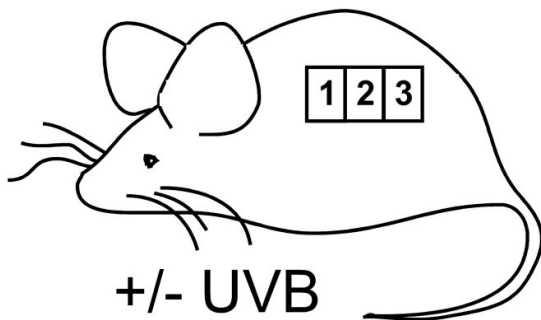


Figure 1. Relative UVB-shielding properties of tested nanoparticles (NPs). Graphs illustrated the relative UVB-shielding effects of TiO₂, and 20, 40, 90 nm AgNPs under UVB irradiations (A) experiment settings, with intensities of UVI 4 (B), 6 (C), 9 (D), 11 (E), respectively.

A

1. Vehicle
2. TiO₂
3. AgNPs



B



Figure 2. UVB-irradiation experiment for mice. The experiment setting (A) and an example of hair removed mouse used in UVB experiments (B).