

Protocol for Biostir AD ointment

The First Treatment

- 1) We recommend using female NC/Nga mice at 10 weeks old.
- 2) Shave their hair on the back and behind the ears with a clipper and a shaver.
- 3) Eradicate hair with a depilatory.
- 4) Follow the explanations of the depilatory you use, and then wipe it off.
- 5) Apply 100 mg of Biostir AD to the shaved dorsal skin and both surfaces of each ear evenly.

From the second treatment

- 1) If you can find hair growth on the back, shave them before every treatment.
- 2) After shaving hair, apply 150 μ l of 4% sodium dodecyl sulfate solution on the shaved dorsal skin and both surfaces of each ear to make barrier disruption.
- 3) Dry the mice with a hair dryer in cool mode.
- 4) Air-dry the solution for 2-3 hours.
- 5) Apply 100 mg of Biostir AD on the back and both surfaces of each ear evenly.

* We recommend two treatments per week.

*To make a chronic atopic dermatitis model, we recommend repeating six applications of Biostir AD.

Notes

If you apply Biostir AD on the back with growing hair, you might not achieve a high incidence rate.