

## RBAVERT Rabies Vaccine

This vaccine may be supplied by the Manitoba Provincial Vaccine Warehouse.

The immunization series should, whenever possible, be completed with the same product. When this is not feasible, the series may be completed with another WHO-approved cell-culture vaccine.

### Preparation of RBAVERT Rabies Vaccine [Rabies Vaccine Inactivated (PCEC) produced by Bavarian Nordic A/S:

Before administration, RBAVERT should be visually inspected both before and after reconstitution for any foreign particulate matter and or change in physical appearance. The vaccine must not be used if any change in the appearance of the vaccine has taken place.

RBAVERT is a white, lyophilized powder for reconstitution with the diluent prior to use; the reconstituted vaccine is a clear to slightly opalescent, colourless to slightly pink solution.

### Vaccine preparation:

RBAVERT is intended for intramuscular (IM) injection. The vaccine contains no preservative and should be used immediately after reconstitution.

The package contains a vial of lyophilized powder, a syringe containing 1mL of diluent-and two identical sterile needles, one for reconstitution and one for intramuscular injection.



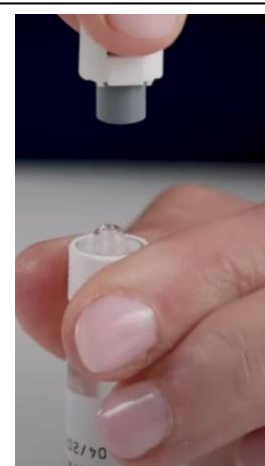
#### Step 1:

With one hand hold, the diluent syringe by the white textured holding ring with the cap pointing upward.



#### Step 2:

With the other hand, grasp the cap and firmly rock it back and forth to break its connection to the white textured holding ring. Do NOT twist or turn the cap.



#### Step 3:

Lift up to remove the cap and the attached grey tip cap.

**Step 4:**

Affix the reconstitution needle to the syringe containing the Sterile Diluent for RABAVERT. Insert the needle at a 45° angle and slowly inject the entire contents of the diluent (1 mL) into the vaccine vial. Mix gently to avoid foaming.

**Step 5:**

After reconstitution of the vaccine, it is recommended to unscrew the syringe from the needle to eliminate the negative pressure (as the vial is sealed under vacuum). Release excess air from the vial by carefully disconnecting the syringe from the needle (being careful not to contaminate the opening to the needle or syringe) and then reconnect.

**Step 6:**

Withdraw the total amount of dissolved vaccine into the syringe by inverting the vial and pulling the needle back close to the stopper. This will allow the full amount of vaccine solution to be withdrawn from the vial. It is not recommended to induce excess pressure, since over-pressurization may prevent withdrawing the proper amount of the vaccine.

**Step 7:**

Replace the needle used for reconstitution with a sterile, **safety engineered needle for IM injection**. The reconstituted vaccine should be used immediately.

**Administration volume**

Vial	Volume of Diluent to be Added to Vial	Approximate Available Volume	Nominal Concentration per mL
1 vial of Lyophilized powder containing a single dose	1 mL	1 mL	≥ 2.5 IU/mL of rabies antigen

Below is a link to an instructional video on preparation of RabAvert™ vaccine for administration

NB: In order to view, copy and paste the link below into Microsoft Edge or Google Chrome.

[http://www.youtube.com/watch?v=W6\\_m3KUOqjA](http://www.youtube.com/watch?v=W6_m3KUOqjA)

## References:

RABAVERT product monograph [https://pdf.hres.ca/dpd\\_pm/00078582.PDF](https://pdf.hres.ca/dpd_pm/00078582.PDF)

RabAvert® reconstitution video <https://youtu.be/tlm8ByJv314?si=-NCgmNVqnGy3qtIJ>