

HOW TO MIX SEQUIVITY[®] with MDF

A step-by-step guide for receiving, storing, thawing and mixing SEQUIVITY[®] with MDF.

 Safe to use in swine 3 weeks of age or older.

Receiving and Storing SEQUIVITY[®] with MDF

The vaccine will arrive in two different Styrofoam boxes: one holding the antigen bottles and the other holding the diluent bottles.

Based on the dosage purchased, the antigen and diluent bottles will be the following sizes:

	50 DOSE	100 DOSE	250 DOSE
Antigen Bottle Size	60 mL	120 mL	250 mL
Diluent Bottle Size	30 mL	50 mL	100 mL




THE ANTIGEN BOX

- Antigen bottles are shipped with dry ice.
- These bottles will be larger than the diluent bottles in the other box.
- Store antigen bottles at -60°C (-76°F) or below from the time the box is received until the day of vaccination.




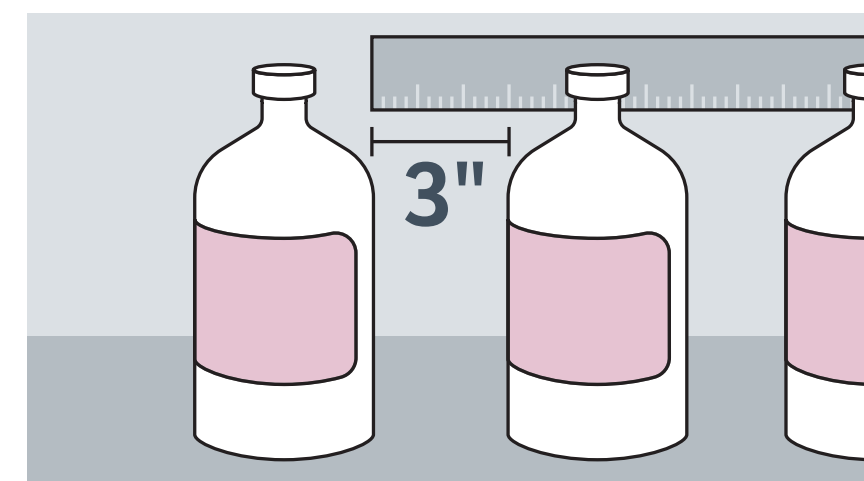
THE DILUENT BOX

- Diluent bottles are shipped with ice packs.
- These bottles will be smaller than the antigen bottles in the other box.
- Store diluent bottles in a refrigerator at 2-8°C (35-46°F) from the time of receipt until the day of vaccination.

 If there is no ultra-low freezer on site, do not open the Styrofoam box containing the antigen bottles and dry ice until 2 hours before vaccination time. See exact thaw times below.

Day-of Vaccination Preparation

 **IMPORTANT:** Do not thaw in the microwave or in hot water. Do not refreeze after thawing.



STEP 1

Thaw the antigen bottles at room temperature (18-22°C, 65-72°F) by placing them on a hard flat surface, about 3 inches apart. **Only thaw the number of bottles that you can use in a 2-hour period.**

THAW TIMES

50-dose bottle	1 hour
100-dose bottle	3 hours
250-dose bottle	4 hours



STEP 2

Place the diluent at room temperature (18-22°C, 65-72°F) for at least 2 hours prior to mixing with the antigen.

Mixing the Antigen and Diluent

After the antigen is thawed, mix the antigen and diluent as follows:



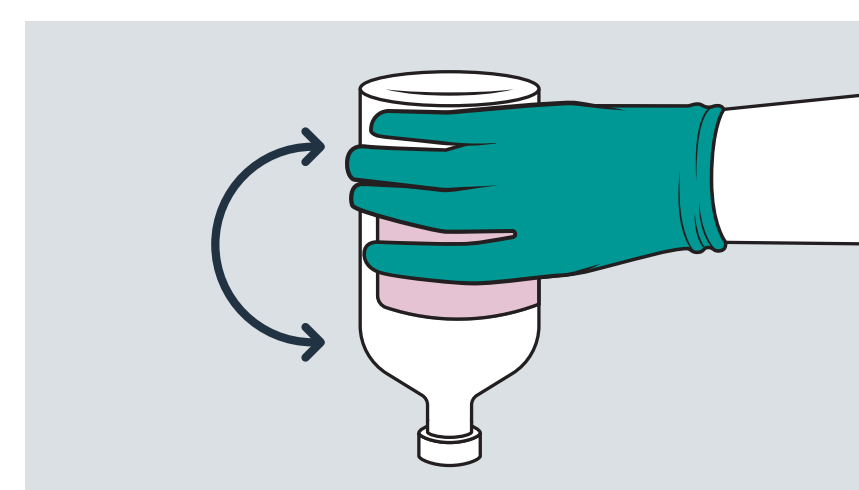
STEP 1

Remove 10-60 mL of air from the antigen bottle using a sterile 18 to 20-gauge needle and 60 cc syringe.



STEP 2

Using the same sterile needle and syringe, remove all the content from the diluent bottle and add it to the antigen bottle.



STEP 3

Without causing the liquid to foam, gently mix by turning the antigen bottle upside down 5-7 times.



STEP 4

Administer soon after mixing. If mixed vaccine sits for longer than 15 minutes, repeat step 3 to gently mix again before administering.



STEP 5

Do not save or reuse partial contents after mixing.

If vaccination is estimated to take more than 2 hours, do not mix all the vials at once. Instead, mix vials throughout the day so all mixed vaccine is used within 2 hours of mixing.