


HOW TO MIX SEQUIVITY[®] IAV-S NA

A step-by-step guide for receiving, storing, thawing and mixing SEQUIVITY[®] IAV-S NA.

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


Receiving and Storing SEQUIVITY IAV-S NA

The shipper will contain two Styrofoam boxes: one holding the antigen bottles and the other holding the diluent bottles.



THE ANTIGEN BOX

- Antigen bottles are shipped with dry ice.
- These bottles will be smaller 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.


 **If there is no ultralow freezer on site, do not open the Styrofoam box containing the antigen bottles and dry ice until 2 hours before vaccination time.**



THE DILUENT BOX

- Diluent bottles are shipped with ice packs.
- These bottles will be larger 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.

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, 66-71°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
250-dose bottle	2 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 10-40 mL of air from the diluent bottle using a sterile 18 to 20-gauge needle and 12 cc syringe.



STEP 2

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



STEP 3

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



STEP 4

Administer within **2 hours**. 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 the required 2-hour window.



Scan the QR code using your phone to watch a short instructional video.