



KENYA VETERINARY VACCINES PRODUCTION INSTITUTE

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NAIROBI

AVIVAX I-2

Avivax I-2 is a thermotolerant freeze dried live attenuated Newcastle Disease virus vaccine produced to protect poultry against Newcastle Disease.

Route of administration

Eye drop

Reconstituting and administering I-2 vaccine

Vaccine should be reconstituted and administered in a shady area, out of direct sunlight.

A dose (one eye drop, 0.1mls) is the same for chicken of all ages (3 weeks to adult)

Boil local drinking water (rain, river or dam water) and leave to cool in a covered plastic container.

Do not use metal containers to store boiled water

If no other water is available chlorinated tap water should be left to stand overnight to allow the chlorine to evaporate (chlorine will destroy the vaccine).

Remove the aluminium seal from the vaccine vial

Using a syringe Measure 10mls of prepared water for 100 dose vial or 5mls for 50 dose vial and add to the vaccine vial.

Mix the vaccine gently by shaking the vial.

Remove the rubber stopper, using dropper pick the reconstituted vaccine.

Ask your assistant or the owner of the bird to hold the chicken to be vaccinated horizontally with one eye facing you.

Hold the eye dropper vertically and squeeze it gently to allow one drop of the vaccine to fall into the chicken's eye before releasing the bird.

Storage

The vaccine is thermotolerant but you still need to treat it carefully to ensure it remains potent for long period

In the fridge +4 degrees Celsius it will last for one year. At -20 degrees Celsius it will stay for the period showed on the label if not reconstituted.

Transport in the field using a cool box and ice pack if available or wrap the vial in a damp cloth and carry it in a covered weave basket.

After reconstitution

Vaccine remains potent (good) for two days

On first day use one drop per chicken

If reconstituted vaccine remains, store in a cool box or at +4 -8 Degrees Celsius fridge and vaccinate day two using two drops and discard the remaining vaccine.

Revaccination frequency

Recommended revaccination period is every 4 months.

Eye droppers

After using the droppers, wash with **non-chlorinated water** and store well for future use.

Do not use soap to wash the droppers.