BIO-L ND LASOTA

Generic Name:
BIO-L ND LaSota Live Vaccine

General Description:
BIO-L ND LASOTA is a freeze-dried live vaccine which contains Newcastle Disease Virus LaSota Strain propagated in embryonated SPF chicken eggs.

Composition per Dose:
Newcastle Disease Virus LaSota strain……..…….....$\geqq 10^{5.0}$ EID_{50}

Indication for Use:
Prevention of Newcastle Disease

Method of Vaccination:
Eye-drop administration or nostril instillation: reconstitute vaccine with diluent. Administer 1 drop (approx. 0.03 ml) of the reconstituted vaccine to each chicken via intraocular or nostril instillation.
Drinking water administration: reconstitute the vaccine with diluent. Mix thoroughly with diluent. Add reconstituted vaccine to specified volume of cold water as described below. For better results, add specified quantity of skimmed milk powder to cold water containing the vaccine as described below. Deprive drinking water to chickens for 2-4 hours before administration of the vaccine. Drinking troughs should be clean and have enough space to allow every chicken to access. The cold water containing vaccine administered should be completely consumed and then resume normal drinking water supply to chickens.

Poultry Count	Doses	Drinking Water	Skimmed milk powder
Less than 1000	1×1000	10~20 Liter	25~50 gram
2000	2×1000	40 Liter	100 gram
5000	5×1000	100 Liter	250 gram

Aerosol-spray administration: Sprayer must be clean before it can be used.
(1) Windows and doors must be closed to create stationary indoor air. Windows and door must remain closed for 15 minutes after spray inoculation is completed.
(2) Place sprayer at a height of 30 cm above chickens and spray the vaccine to fill the indoor space with vaccine aerosol.
(3) Spray-inoculate 1000 chickens with 1000 doses. For manual sprayers, spray-inoculate with 4000-7000 doses of vaccine using medium-sized spray particles. For automatic sprayer, spray-inoculate with 3000-5000 doses using fine-sized spray particles. Clean the sprayers and their associated equipment after use thoroughly to remove remaining vaccine residues.
(4) For emergency vaccination, spray-inoculate with fine-size particles to allow vaccine to reach deeper into lungs of chickens

Storage Conditions:
Store in a dark place at 2-8°C. Do not freeze.

Packaging:
200Doses/Vial (with 6 mL diluent), 500Doses/Vial (with 15mL diluent), 1000Doses/Vial (with 30 mL diluent), 2000Doses/Vial (with 60mL diluent), and 3000Doses/Vial (with 90mL diluent)

Shelf Life:
2 years

Precautions:
- Use under supervision by a veterinarian, and this vaccine is for veterinary use only.
- Vaccinate healthy newborn or older chickens. Do not vaccinate chickens with unusual symptoms. Tap water is not recommended for aerosol-spray and drinking water administration.
- Use all reconstituted vaccine completely. Do not use tap water for drinking water and aerosol spray administration. Protect from sunlight. Do not save unused vaccines for later use. Dispose unused vaccine and vaccine vials by autoclave sterilization.

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