Polyvalent inactivated adsorbed vaccine against Clostridial diseases in cattle, sheep, goats and camels. Clostridiosis caused by Clostridium spp. causes heavy losses in cattle, sheep, goats and camels in most parts of the world, through deaths. Control measures are based on strict hygiene and vaccination of susceptible animals like ruminants.

COMPOSITION:
Each 2 ml immunizing dose contains sufficient amount of toxoids and anacultures to obtain:
- Clostridium perfringens (types A, B, C and D) ≥ 0.3 IU of α antitoxin / ml of rabbit serum,
- Clostridium septicum ≥ 2.5 IU of antitoxin / ml of rabbit serum,
- Clostridium novyi (type A and B) ≥ 3.5 IU of antitoxin / ml of rabbit serum,
- Clostridium chauvoei ≥ 80 % protection in guinea-pigs.
Thiomersal and aluminum hydroxide gel.

INDICATIONS:
Active immunization of domestic animals (cattle, camels, sheep and goats) against Enterotoxaemias (lamb dysentery, struck and pulpy kidney), Braxy, Blackleg and Black disease.

DOSAGE AND ADMINISTRATION:
- Apply subcutaneously, (preferably in the elbow region for sheep & goats and under the skin of the neck just in front of the shoulders for cattle & camels) as follows:
  - Sheep & goats under 30 kg: 1 ml
  - Sheep & goats over 30 kg: 2 ml
  - Cattle & camels under 100 kg: 2 ml
  - Cattle & camels over 100 kg: 5 ml

  • Vaccination of adult animals:
    First vaccination: one recommended dose at any age, revaccinate after 4-6 weeks.
    Second injection: one recommended dose annually, 2-6 weeks before lambing/kidding/calving to ensure a good level of immunity.

  • Vaccination of new born animals:
    - Born animals of non-vaccinated dams: 2 injections; the first above 10 days of age and the second after 3-4 weeks interval.
    - Born animals of vaccinated dams: 2 injections; the first at 7-8 weeks of age and the second after 3-4 weeks interval, so as not to interfere with the maternal derived antibodies from the dam.

  - Cattle and camels: Vaccinate two times (4 weeks interval) at one month of age.

WITHDRAWAL PERIOD:
21 days.

CONTRAINDICATIONS:
Do not vaccinate sick or stressed animals.

SPECIAL PRECAUTIONS:
- Shake well before use.
- Apply aseptic precautions and vaccinate only healthy animals.
- Avoid stress when vaccinating.
- In the event of hypersensitivity reactions or in administering an overdose, epinephrine (adrenaline) should be administered and veterinary advice should be sought.
- Unused opened vaccine containers and waste material should be decontaminated with suitable disinfectants (phenolics, idophores or formaldehydes) at recommended concentration.

STORAGE AND SHELF LIFE:
- Store between +2°C to +8°C, in the dark.
- Do not freeze.
- The vaccines remain stable for 2 years from production date stated on the label under the recommended storage conditions.
- Use within 8-10 hours after first opening.

PRESENTATION:
Bottles of: 50 ml, 100 ml, 250 ml and 500 ml.

FOR VETERINARY USE ONLY.

JORDAN BIOINDUSTRIES CENTER
Tel. +962 6 5232162, Fax: +962 6 5232210
P.O. Box 43, Amman 11941- Jordan
E-mail: info@jovaccenter.com, www.jovaccenter.com