Raksha Monovalent

(FOOT AND MOUTH DISEASE VACCINE BP (Vet))

BACK TO PRODUCT RANGE

Raksha Monovalent FMD (Foot and Mouth Disease) vaccine is recommended for prophylactic vaccination against Foot and Mouth Disease in cattle, buffaloes, sheep and goats.

Raksha FMD vaccine is manufactured by Indian Immunologicals with the process know-how obtained from the Wellcome Foundation Ltd. U.K., the pioneers and world leaders in FMD research, control and vaccine production.

COMPOSITION

Raksha Monovalent FMD vaccine contains tissue culture inactivated FMD virus strain O1 Manisa (monovalent) adsorbed on Aluminium hydroxide and Saponin added as an adjuvant.

ADMINISTRATION

The vaccine vial should be kept cold until used and each vial should be well shaken before contents are withdrawn. Syringes and needles must be sterilized before use. The vaccine should be injected subcutaneously through an area of clean, dry skin with precautions taken against contamination. The chest wall behind the shoulder or the dewlap are the recommended sites for inoculation.

DOSAGE

Cattle, Buffaloes and Calves : 2 ml
Sheep and Goats : 1 ml

VACCINATION REGIMEN

Primary vaccination : 4 months of age (Cattle, Buffaloes, Sheep and Goats).
Revaccination : Every 6 months thereafter.
Primovaccinates irrespective of age should receive two doses initially. This should be followed by every 6 months thereafter.

SIDE EFFECTS

Generally no significant side effects are noticed after vaccination. However, in a few cases a small swelling may develop at the site of inoculation, which usually subsides within a few days. The body temperature generally remains normal.

STORAGE AND TRANSPORT

The vaccine should be stored and transported between 2°C and 8°C. Antigenicity of the vaccine deteriorates if the temperature is allowed to rise above this range, the rate of deterioration depending on both temperature and time. At no stage should the vaccine be frozen.

PRESENTATION

Raksha - Monovalent FMD Vaccine is available in polypropylene vials of 30 ml (15 Cattle doses and 30 Sheep doses), 100 ml (50 cattle doses and 100 sheep doses) and 200 ml (100 cattle doses and 200 Sheep doses) .

CAUTION

Raksha Monovalent FMD vaccine is thoroughly tested before issue. As subsequent handling and administration are not controlled by the manufacturers or distributors/ stockists, no responsibility following their use can be accepted. Raksha Monovalent FMD vaccine is issued subject to this condition. Under field conditions it is extremely difficult to avoid the accidental introduction of bacteria when withdrawing doses of Raksha Monovalent FMD vaccine from the containers. Part-used bottles of vaccine should therefore be discarded at the end of the day's operations.

Aqueous or Oil adjuvant vaccines, monovalent, bivalent, trivalent, quadrivalent or any other valency incorporating the most relevant strains of epidemiological significance can be manufactured as per customer's choice.

Raksha Bivalent

(FOOT AND MOUTH DISEASE VACCINE BP (Vet.))

BACK TO PRODUCT RANGE

Raksha FMD (Foot and Mouth Disease) vaccine is recommended for prophylactic vaccination against Foot and Mouth Disease in cattle, buffaloes, sheep and goats.

Raksha FMD vaccine is manufactured by Indian Immunologicals with the process know-how obtained from the Wellcome Foundation Ltd. U.K., the pioneers and world leaders in FMD research, control and vaccine production.

COMPOSITION

Raksha Bivalent FMD vaccine contains tissue culture inactivated FMD virus strain O and A (bivalent) adsorbed on Aluminium hydroxide and Saponin added as an adjuvant.

ADMINISTRATION

The vaccine vial should be kept cold until used and each vial should be well shaken before contents are withdrawn. Syringes and needles must be sterilized before use. The vaccine should be injected subcutaneously through an area of clean, dry skin with precautions taken against contamination. The chest wall behind the shoulder or the dewlap are the recommended sites for inoculation.

DOSAGE

Cattle, Buffaloes and Calves	: 3 ml
Sheep and Goats	: 1 ml

VACCINATION REGIMEN

Primary vaccination : 4 months of age (Cattle, Buffaloes, Sheep and Goats).
Revaccination : Every 6 months thereafter.
Primovaccinates irrespective of age should receive two doses initially. This should be followed by every 6 months thereafter.

SIDE EFFECTS

Generally no significant side effects are noticed after vaccination. However, in a few cases a small swelling may develop at the site of inoculation, which usually subsides within a few days. The body temperature generally remains normal.

STORAGE AND TRANSPORT

The vaccine should be stored and transported between 2°C and 8°C. Antigenicity of the vaccine deteriorates if the temperature is allowed to rise above this range, the rate of deterioration depending on both temperature and time. At no stage should the vaccine be frozen.

PRESENTATION

Raksha Bivalent FMD vaccine is available in 300ml bottles.

CAUTION

Raksha Bivalent FMD vaccine is thoroughly tested before issue. As subsequent handling and administration are not controlled by the manufacturers or distributors/ stockists, no responsibility following their use can be accepted. Raksha Bivalent FMD vaccine is issued subject to this condition. Under field conditions it is extremely difficult to avoid the accidental introduction of bacteria when withdrawing doses of Raksha Bivalent FMD vaccine from the containers. Part-used bottles of vaccine should therefore be discarded at the end of the day's operations.

Aqueous or Oil adjuvant vaccines, monovalent, bivalent, trivalent, quadrivalent or any other valency incorporating the most relevant strains of epidemiological significance can be manufactured as per customer's choice.

Raksha Trivalent

(FOOT AND MOUTH DISEASE VACCINE BP (Vet))

BACK TO PRODUCT RANGE

Raksha Trivalent FMD (Foot and Mouth Disease) vaccine is recommended for prophylactic vaccination against Foot and Mouth Disease in cattle, buffaloes, sheep and goats.

Raksha FMD vaccine is manufactured by Indian Immunologicals with the process know-how obtained from the Wellcome Foundation Ltd. U.K., the pioneers and world leaders in FMD research, control and vaccine production.

COMPOSITION

Raksha Trivalent FMD vaccine contains tissue culture inactivated FMD virus strains **O**, **A** and **Asia-1** adsorbed on Aluminium hydroxide and Saponin added as an adjuvant.

ADMINISTRATION

The vaccine vial should be kept cold until used and each vial should be well shaken before contents are withdrawn. Syringes and needles must be sterilized before use. The vaccine should be injected subcutaneously through an area of clean, dry skin with precautions taken against contamination. The chest wall behind the shoulder or the dewlap are the recommended sites for inoculation.

DOSAGE

Cattle, Buffaloes and Calves	: 3 ml
Sheep and Goats	: 1 ml

VACCINATION REGIMEN

Primary vaccination : 4 months of age.
Booster : 2 to 4 weeks after primary vaccination.
Revaccination : Every 6 months thereafter.
Primovaccinates irrespective of age should receive two doses initially. This should be followed by every 6 months thereafter.

SIDE EFFECTS

Generally no significant side effects are noticed after vaccination. However, in a few cases a small swelling may develop at the site of inoculation, which usually subsides within a few days. The body temperature generally remains normal.

STORAGE AND TRANSPORT

The vaccine should be stored and transported between 2°C and 8°C. Antigenicity of the vaccine deteriorates if the temperature is allowed to rise above this range, the rate of deterioration depending on both temperature and time. At no stage should the vaccine be frozen.

PRESENTATION

Raksha Trivalent FMD vaccine is available in 300 ml polypropylene bottles.

CAUTION

Raksha Trivalent FMD vaccine is thoroughly tested before issue. As subsequent handling and administration are not controlled by the manufacturers or distributors/ stockists, no responsibility following their use can be accepted. Raksha Trivalent FMD vaccine is issued subject to this condition. Under field conditions it is extremely difficult to avoid the accidental introduction of bacteria when withdrawing doses of Raksha Trivalent FMD vaccine from the containers. Part-used bottles of vaccine should therefore be discarded at the end of the day's operations.

Aqueous or Oil adjuvant vaccines, monovalent, bivalent, trivalent, quadrivalent or any other valency incorporating the most relevant strains of epidemiological significance can be manufactured as per customer's choice.

Raksha-Ovac Monovalent

(MONOVALENT FOOT AND MOUTH DISEASE OIL ADJUVANT VACCINE BP (Vet))

BACK TO PRODUCT RANGE

*Raksha - Ovac (FMD Oil Adjuvant vaccine) is a unique **Double Emulsion Oil Adjuvant Vaccine** and is recommended for prophylactic vaccination against Foot and Mouth Disease in cattle, buffaloes, sheep, goats and pigs.*

COMPOSITION

Raksha Ovac Monovalent FMD Oil Adjuvant vaccine contains tissue culture virus strain **O** (Monovalent) and inactivated with Aziridine compound. Mineral oil is added as an adjuvant.

ADMINISTRATION

The vaccine vial should be kept cold until used and each vial should be well shaken before contents are withdrawn. Syringes and needles must be sterilized before use. The vaccine should be injected subcutaneously or intramuscularly through an area of clean, dry skin with precautions taken against contamination.

DOSAGE

Cattle, Buffaloes, Calves, Pigs : 2 ml
Sheep and Goats : 1 ml

VACCINATION REGIMEN

Primary vaccination	: 4 months of age (Cattle, Buffaloes, Sheep and Goats).
Primary vaccination	: 2 months of age (Pigs).
Booster	: 9 months after primary vaccination (Cattle/buffaloes/Sheep and Goats).
Revaccination	: Every 12 months thereafter (Cattle, Buffaloes, Sheep and Goats).
Revaccination	: Every 6 months thereafter (Pigs).

SIDE EFFECTS

As with all vaccines, hypersensitivity may occasionally occur. Adrenalin is the appropriate treatment. However, treatment is seldom required and spontaneous recovery generally follows rapidly. In case of food animals local carcass blemish at the site of intramuscular injection may necessitate slight trimming of the carcass. This can be minimized by vaccinating at least two months before slaughter. Injection of mineral oil into humans can produce serious localised reactions and special care should be taken to avoid accidental inoculation. If it happens, medical attention should be sought at once.

STORAGE AND TRANSPORT

The vaccine should be stored and transported between 2°C and 8°C. Antigenicity of the vaccine deteriorates if the temperature is allowed to rise above this range, the rate of deterioration depending on both temperature and time. At no stage should the vaccine be frozen.

PRESENTATION

Raksha Ovac Monovalent vaccine is available in 30 ml, 50 ml & 100 ml (50 dose) vials.

CAUTION

Raksha Ovac Monovalent is thoroughly tested before issue. As subsequent handling and administration are not controlled by the manufacturers or distributors/stockists, no responsibility following their use can be accepted. Raksha Ovac Monovalent is issued subject to this condition. Under field conditions it is extremely difficult to avoid the accidental introduction of bacteria when withdrawing doses of Raksha Ovac Monovalent from the containers. Part-used bottles of vaccine should therefore be discarded at the end of the day's operations.

SHELF LIFE

24 months.

FMD Oil adjuvant vaccines of monovalent, bivalent, trivalent, quadrivalent or any other combination incorporating the most relevant strains of epidemiological significance can be manufactured as per customer's choice.

Raksha-Ovac Bivalent

(FOOT AND MOUTH DISEASE OIL ADJUVANT VACCINE BP (Vet))

BACK TO PRODUCT RANGE

*Raksha - Ovac (FMD Oil Adjuvant vaccine) is a unique **Double Emulsion Oil Adjuvant Vaccine** and is recommended for prophylactic vaccination against Foot and Mouth Disease in cattle, buffaloes, sheep, goats and pigs.*

COMPOSITION

Raksha Ovac Bivalent FMD Oil Adjuvant vaccine contains tissue culture virus strain **O and A** (Bivalent) and inactivated with Aziridine compound. Mineral oil is added as an adjuvant.

ADMINISTRATION

The vaccine vial should be kept cold until used and each vial should be well shaken before contents are withdrawn. Syringes and needles must be sterilized before use. The vaccine should be injected subcutaneously or intramuscularly through an area of clean, dry skin with precautions taken against contamination.

DOSAGE

Cattle, Buffaloes, Calves, Pigs : 2 ml
Sheep and Goats : 1 ml

VACCINATION REGIMEN

Primary vaccination	: 4 months of age (Cattle, Buffaloes, Sheep and Goats).
Primary vaccination	: 2 months of age (Pigs).
Booster	: 9 months after primary vaccination (Cattle/buffaloes/Sheep and Goats).
Revaccination	: Every 12 months thereafter (Cattle, Buffaloes, Sheep and Goats).
Revaccination	: Every 6 months thereafter (Pigs).

SIDE EFFECTS

As with all vaccines, hypersensitivity may occasionally occur. Adrenalin is the appropriate treatment. However, treatment is seldom required and spontaneous recovery generally follows rapidly. In case of food animals local carcass blemish at the site of intramuscular injection may necessitate slight trimming of the carcass. This can be minimized by vaccinating at least two months before slaughter. Injection of mineral oil into humans can produce serious localised reactions and special care should be taken to avoid accidental inoculation. If it happens, medical attention should be sought at once.

STORAGE AND TRANSPORT

The vaccine should be stored and transported between 2°C and 8°C. Antigenicity of the vaccine deteriorates if the temperature is allowed to rise above this range, the rate of deterioration depending on both temperature and time. At no stage should the vaccine be frozen.

PRESENTATION

Raksha Ovac Bivalent vaccine is available in 30 ml, 100 ml (50 dose) vials.

CAUTION

Raksha Ovac Bivalent is thoroughly tested before issue. As subsequent handling and administration are not controlled by the manufacturers or distributors/stockists, no responsibility following their use can be accepted. Raksha Ovac Bivalent is issued subject to this condition. Under field conditions it is extremely difficult to avoid the accidental introduction of bacteria when withdrawing doses of Raksha Ovac Bivalent from the containers. Part-used bottles of vaccine should therefore be discarded at the end of the day's operations.

SHELF LIFE

24 months.

FMD Oil adjuvant vaccines of monovalent, bivalent, trivalent, quadrivalent or any other combination incorporating the most relevant strains of epidemiological significance can be manufactured as per customer's choice.

Raksha-Ovac Trivalent

(FOOT AND MOUTH DISEASE OIL ADJUVANT VACCINE BP (Vet))

BACK TO PRODUCT RANGE

Raksha - Ovac (FMD Oil Adjuvant vaccine) is a unique **Double Emulsion Oil Adjuvant Vaccine** and is recommended for prophylactic vaccination against Foot and Mouth Disease in cattle, buffaloes, sheep, goats and pigs.

COMPOSITION

Raksha - Ovac Trivalent (FMD Oil Adjuvant vaccine) contains tissue culture virus strains, **O, A**, **Asia-1,** and inactivated with Aziridine compound. Mineral oil is added as an adjuvant.

ADMINISTRATION

The vaccine vial should be kept cold until used and each vial should be well shaken before contents are withdrawn. Syringes and needles must be sterilized before use. The vaccine should be injected subcutaneously or intramuscularly through an area of clean, dry skin with precautions taken against contamination.

DOSAGE

Cattle, Buffaloes, Calves and Pigs : 2 ml
Sheep and Goats : 1 ml

VACCINATION REGIMEN

Primary vaccination	: 4 months of age (Cattle, Buffaloes, Sheep and Goats).
Primary vaccination	: 2 months of age (Pigs).
Booster	: 9 months after primary vaccination (Cattle/buffaloes/Sheep and Goats).
Revaccination	: Every 12 months thereafter (Cattle, Buffaloes, Sheep and Goats).
Revaccination	: Every 6 months thereafter (Pigs).

SIDE EFFECTS

As with all vaccines, hypersensitivity may occasionally occur. Adrenalin is the appropriate treatment. However, treatment is seldom required and spontaneous recovery generally follows rapidly. In case of food animals local carcass blemish at the site of intramuscular injection may necessitate slight trimming of the carcass. This can be minimized by vaccinating at least two months before slaughter. Injection of mineral oil into humans can produce serious localised reactions and special care should be taken to avoid accidental inoculation. If it happens, medical attention should be sought at once.

STORAGE AND TRANSPORT

The vaccine should be stored and transported between 2°C and 8°C. Antigenicity of the vaccine deteriorates if the temperature is allowed to rise above this range, the rate of deterioration depending on both temperature and time. At no stage should the vaccine be frozen.

PRESENTATION

Raksha - Ovac Trivalent vaccine is available in 100 ml Packs.

CAUTION

Raksha - Ovac Trivalent is thoroughly tested before issue. As subsequent handling and administration are not controlled by the manufacturers or distributors/stockists, no responsibility following their use can be accepted. Raksha - Ovac Trivalent is issued subject to this condition. Under field conditions it is extremely difficult to avoid the accidental introduction of bacteria when withdrawing doses of Raksha - Ovac Trivalent from the containers. Part-used bottles of vaccine should therefore be discarded at the end of the day's operations.

FMD Oil adjuvant vaccines of monovalent, bivalent, trivalent, quadrivalent or any other valency incorporating the most relevant strains of epidemiological significance can be manufactured as per customer's choice.

Raksha Biovac

(FOOT AND MOUTH DISEASE + HAEMORRHAGIC SEPTICAEMIA VACCINE)

BACK TO PRODUCT RANGE

Raksha - Biovac (FMD + HS Oil adjuvant vaccine) is a unique Double Emulsion Oil Adjuvant Vaccine and is recommended for prophylactic vaccination against Foot and Mouth Disease & Haemorrhagic Septicaemia in cattle, buffaloes.

COMPOSITION

Raksha Biovac FMD Oil Adjuvant vaccine contains FMD virus inactivated antigens against strains "**O, A and Asia - 1**" (inactivated with Aziridine compound) and inactivated ***Pasteurella multocida*** culture (inactivated with Formaldehyde). Mineral oil is added as an adjuvant. Thiomersal 0.01% W/V added as preservative.

ADMINISTRATION

The vaccine vial should be kept cold until used and each vial should be well shaken before contents are withdrawn. Syringes and needles must be sterilized before use. The vaccine should be injected intramuscularly through an area of clean, dry skin with precautions taken against contamination, at mid neck region.

Directions	**Cattle / Buffaloes / Calves**
Dosage	3ml
Primary vaccination (PV)	4 months of age
Booster / First revaccination	9 months after PV
Revaccination	Annual

SIDE EFFECTS

Generally no significant side effects are noticed after vaccination. However, in a few cases small swelling may develop at the site of inoculation which usually subsides within a few days. The body temperature remains normal. In rare cases hypersensitivity may occur, immediate treatment with Antihistamine is advocated. Adrenalin is the appropriate treatment. Accidental inoculation of oil vaccine by intravenous route results in allergic reaction. Anti-histamine is the choice of drug incase of such allergic reactions.

CAUTION

Raksha Biovac is thoroughly tested before issue. As subsequent handling and administration are not controlled by the manufacturers or distributors/stockists, no responsibility following their use can be accepted. Raksha Biovac is issued subject to this condition. Under field conditions it is extremely difficult to avoid the accidental introduction of bacteria when withdrawing doses of Raksha Biovac from the containers. Part-used bottles of vaccine should therefore be discarded at the end of the day's operations. Injection of mineral oil into humans can produce serious localized reactions and special care should be taken to avoid accidental inoculation. If it happens, medical attention should be sought at once.

NOT FOR HUMAN USE. FOR ANIMAL TREATMENT ONLY

STORAGE AND TRANSPORT

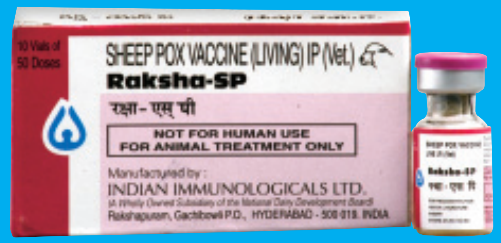
The vaccine should be stored and transported between 2°C and 8° C, Antigenicity of the vaccine deteriorates if the temperature is allowed to rise above this range, the rate of deterioration depending on both temperature and time.
At no stage should the vaccine be frozen.

PRESENTATION

Raksha Biovac vaccine is available in 30ml polypropylene vials.

Raksha-SP

(SHEEP POX CELL CULTURE VACCINE)



BACK TO PRODUCT RANGE

Raksha - SP (Sheep Pox) vaccine is recommended for prophylactic vaccination against Sheep Pox sheep.

COMPOSITION

Raksha - SP vaccine contains live attenuated sheep pox virus grown on primary lamb testicle cell culture and freeze dried. The virus is comprised of " Romanian " strain which is the most effective and superior strain.

ADMINISTRATION

The vaccine presented as a freeze dried preparation in vials. Vaccine diluent vials of 50 ml are supplied for reconstituting freeze dried material. Chill the diluent prior to reconstitution. Transfer a small aliquot of chilled diluent to vials containing the freeze-dried preparation. Mix well to ensure uniform suspension. Transfer the suspension to considering diluent vial and mix well. Intramuscular injection at mid neck or thigh region.

DOSAGE

Sheep : 1 ml reconstituted vaccine.

VACCINATION REGIMEN

Suitable age for vaccination is 3 months.
It is advisable to vaccinate after lambing season or during onset of breeding season.

CAUTION

Not for human use. For animal treatment only.
Keep reconstituted vaccine on ice.
Use reconstituted vaccine immediately.
Part use of vial and storing in deep freeze or refrigerator is not recommended.
Avoid vaccination of animals in advanced stage of pregnancy.
In rare cases hypersensitivity may occur, immediate treatment with antihistaminics is advocated.

SHELF LIFE

When stored between 2°C to 8°C, the vaccine retains its potency for a period of Two years.

STORAGE AND TRANSPORT

The vaccine should be stored and transported between 2° and 8°C. The diluent should be stored in a cool and dark place.

PRESENTATION

Raksha - SP vaccine is available in 50 dose glass vials.
Diluent : 50 ml in polypropylene vials.

Raksha-HS

(Haemorrhagic Septicaemia Vaccine)

BACK TO PRODUCT RANGE

Raksha-HS is recommended for prophylactic vaccination against Haemorrhagic Septicaemia in cattle and buffaloes.

COMPOSITION

Raksha-HS vaccine contains formalin inactivated culture of Pasteurella multocida adjuvanted with aluminium hydroxide.

ADMINISTRATION

The vaccine vial should be thoroughly shaken before its contents are withdrawn. Only sterile syringes and needles should be used. The vaccine should be injected subcutaneously through an area of clean dry skin, with all precautions taken against contamination. The recommended site for inoculation is the chest wall behind the shoulder or the dewlap.

DOSAGE

Cattle, Buffaloes, Calves and Sheep – 2 ml.

VACCINATION REGIMEN

Primary vaccination : 6months of age and above.
Revaccination : Annually.

POST VACCINATION REACTIONS

Generally no adverse reactions are noticed. A slight swelling may appear at the site of inoculation, which disappears quickly.

STORAGE AND TRANSPORT

The vaccine should be stored and transported between 2°C and 8°C. Do not allow the vaccine to freeze.

PRESENTATION

Raksha-HS vaccine is available in polypropylene vials of 50 doses (100 ml).

Raksha-HS+BQ

(Haemorrhagic Septicaemia & Black Quarter Combined Vaccine)

BACK TO PRODUCT RANGE

Raksha-HS+BQ is recommended for prophylactic vaccination against Haemorrhagic Septicaemia and Black Quarter in cattle and buffaloes.

COMPOSITION

Raksha-HS+BQ vaccine contains formalin inactivated cultures of Pasteurella multocida and Clostridium chauvoei adjuvanted with aluminium hydroxide gel.

ADMINISTRATION

The vaccine vial should be thoroughly shaken before its contents are withdrawn. Only sterile syringes and needles should be used. The vaccine should be injected subcutaneously through an area of clean dry skin, with all precautions taken against contamination. The recommended site for inoculation is the chest wall behind the shoulder or the dewlap.

DOSAGE

Cattle, Buffaloes and Calves - 3 ml.

VACCINATION REGIMEN

Primary vaccination : 6months of age and above.
Revaccination : Annually.

POST VACCINATION REACTIONS

Generally no adverse reactions are noticed. A slight swelling may appear at the site of inoculation, which disappears quickly.

STORAGE AND TRANSPORT

The vaccine should be stored and transported between 2°C and 8°C. Do not allow the vaccine to freeze.

PRESENTATION

Raksha-HS+BQ vaccine is available in polypropylene vials of 30 doses (90 ml).

Bruvax

(Brucella abortus (strain 19) vaccine, live IP (Vet))

BACK TO PRODUCT RANGE

Brucellosis is an infectious and contagious disease of zoonotic importance caused by gram negative coccobacilli (Brucella abortus, melitensis, ovis, suis and canis). The disease affects cattle, buffalo, pigs, sheep, goats, dogs, elk and occasionally horses. The disease is characterized by abortion, retained placenta and to a lesser extent orchitis and infection of accessory sex glands in males.

Bruvax is a freeze dried vaccine and is used for the prevention of brucellosis (contagious abortion) in cattle. The vaccine contains live brucella abortus strain 19 bacteria.

DESCRIPTION
Light yellow flakes containing live Brucella abortus strain 19 bacteria in freeze dried powder. Each dose contains not less than 40 x 10^9 organisms.

RECONSTITUTION
Chill the diluent prior to reconstitution. Transfer a small amount of chilled diluent to vial containing freeze dried preparation mix well to ensure uniform suspension. Transfer the suspension to diluent vial and mix well.

DOSAGE
Serologically negative female calves of age 4 to 8 months only should be vaccinated with 2 ml of reconstituted vaccine.

ADMINISTRATION
By subcutaneous route.

STORAGE & TRANSPORTATION
The vaccine must be stored and transported between 2 and 8°C.

SHELF LIFE
12 months from the date of manufacture, when stored at recommended storage conditions.

CONTRAINDICATIONS
Male calves should not be vaccinated. Do not vaccinate pregnant animals.

PRECAUTIONS
Keep the reconstituted vaccine on ice.
Use reconstituted vaccine immediately.
Part use of the vial and restoring in deep freezer or refrigerator is not recommended.
Strictly not for human use.
Syringes, needles and gloves should be disinfected/sterilized after use.
Keep the vaccine out of the reach of children.

ADVERSE REACTIONS
Generally no adverse reactions are noticed. A slight swelling and mild rise in body temperature, which may appear and disappear quickly.
The vaccine may infect human beings, particularly after accidental inoculation. Any necessary treatment should begin without delay. It is advisable to use hand gloves and plain protecting glasses for eyes while carrying out vaccination.

PRESENTATION
Bruvax is available in 5 dose pack (freeze dried) along with 10 ml of sterile diluent.

Bruvax Rev 1

(BRUCELLA MELITENSIS (REV 1) VACCINE (LIVE) B.P. (VET)

BACK TO PRODUCT RANGE

Bruvax Rev1 is a freeze dried vaccine and is recommended for immunization against Brucellosis (contagious abortion) in sheep and goats.

DESCRIPTION

Bruvax Rev1, a freeze dried vaccine contains live Brucella melitensis Rev.1 strain bacteria. Light yellow flake containing live Brucella melitensis Rev.1 strain bacteria in lyophilized form. Each dose of vaccine contains 0.5 - 4 x 10^9 live organism as per B.P (Vet).

ADMINISTRATION

The vaccine is recommended for sheep and goat @ 4 - 6 months of age, should be vaccinated with 1 ml of reconstituted vaccine by subcutaneous route.

TRANSPORT AND STORAGE

The lyophilized vaccine must be transported and stored at 2^0C to 8^0C.

RECONSTITUTION AND METHOD OF ADMINISTRATION

The lyophilized vaccine should be reconstituted with chilled diluent provided with this vaccine. Mix the vaccine properly in the diluent vial before inoculation. After thorough mixing, the vaccine must be inoculated subcutaneously using sterile syringe and separate sterile needle for each animal. The used vial should not be stored for future use.

DOSAGE

1ml subcutaneously at mid neck region.

ADVERSE REACTION

No adverse reaction should occur following inoculation if used as directed. A single injection should offer life long immunity, but the vaccine does not afford absolute immunity in all animals.

CONTRAINDICATIONS / WARNINGS

Do not vaccinate the pregnant animals. Strictly not for human use. For veterinary use only. Keep the reconstituted vaccine in ice. Use reconstituted vaccine immediately. Part use of the vial and restoring in deep freezer or refrigerator is not recommended.

PRECAUTIONS

Brucella melitensis Rev.1 vaccine has zoonotic importance. Hence it should be handled with proper care to avoid accidental inoculation/inhalation/consumption. The used vials along with syringe, needles and gloves must be decontaminated with disinfectant before disposal. Keep the vaccine out of the reach of children. The vaccine may infect human beings, particularly after accidental inoculation. Any necessary treatment should begin without delay. It is advisable to use hand gloves and plain protecting glasses for eyes while carrying out vaccination.

SHELF LIFE

12 months from the date of preparation when stored at recommended storage conditions (between 2^oC to 8^oC).

PACKAGING

Available as 5 dose, 10 dose, 20 dose, & 100 dose pack along with 5ml, 10ml, 20ml & 100ml sterile diluent.

DISTRUCTION OF USED CONTAINERS

The empty containers of the vaccine, used syringes and needles should be discarded properly and carefully

CAUTION

For veterinary use only.

Raksha-ET

(Enterotoxaemia Vaccine)

BACK TO PRODUCT RANGE

Raksha-ET is recommended for prophylactic vaccination against Enterotoxaemia in sheep and goats.

COMPOSITION

Raksha-ET vaccine contains inactivated culture of anaerobically grown Clostridium Welchii Type – D organisms. The prototoxin is converted into toxin by trypsinization. The toxin is then rendered non-toxic by formalisation. This is then adjuvanted with aluminium hydroxide gel.

ADMINISTRATION

The vaccine vial should be thoroughly shaken before its contents are withdrawn. Only sterile syringes and needles should be used. The vaccine should be injected subcutaneously through an area of clean dry skin, with all precautions taken against contamination.

DOSAGE

Sheep and Goats - 2 ml.

VACCINATION REGIMEN

Primary vaccination : 4 months of age and above.
Revaccination : Annually.

POST VACCINATION REACTIONS

Generally no adverse reactions are noticed. A slight swelling may appear at the site of inoculation, which disappears quickly.

STORAGE AND TRANSPORT

The vaccine should be stored and transported between 2°C and 8°C. Do not allow the vaccine to freeze.

PRESENTATION

Raksha-ET vaccine is available in polypropylene vials of 50 doses (100 ml).

Raksha PPR

PESTE DES PETITS RUMINANTS (LIVING) VACCINE

BACK TO PRODUCT RANGE

COMPOSITION

Raksha PPR (Live Attenuated) vaccine containing 10^3 $TCID_{50}$ virus per dose in freeze-dried form.

DESCRIPTION

RAKSHA - PPR vaccine contains live attenuated Peste des petits ruminants virus grown on Vero cell culture and freeze dried. The virus is comprised of "Sungri 96" strain which is the most effective and superior strain.

RAKSHA - PPR is recommended for the prophylactic vaccination against Peste des petits ruminants in sheep & goats.

ADMINISTRATION

The vaccine is presented as freeze dried preparation in vials. Vaccine diluent vials of 25ml, 50ml & 100ml are supplied for reconstituting freeze dried material. Chill the diluent prior to reconstitution. Draw two/five ml sterile diluent from sterile diluent vial using sterile syringe and reconstitute with the freeze dried vial. Shake well till the contents in the FD vials are completely dissolved. Draw the whole volume of reconstituted mixture using sterile syringe and inject back into the sterile diluent vial, shake gently to get virus suspension. Each ml of the reconstituted mixture contains one immunogenic dose against PPR. The whole contents of the reconstituted vaccine should be used immediately .

Subcutaneous injection at mid neck region is advocated through an area of clean dry skin with all precautions taken. Sterile needles and syringes should be used for every withdrawal.

DOSAGE

Sheep and Goat : 1 ml reconstituted vaccine.

VACCINATION REGIMEN

Suitable age for vaccination is 4 months.

CAUTION

- Weak, debilitated and infested animals should not be vaccinated.
- Sheep & Goat should be dewormed prior to vaccination.
- Vaccination Should be completed at least one month prior to monsoons.
- Vaccination Should not be taken up in the areas of disease outbreak.
- Vaccination should be checked for cold chain before reconstitution & vaccination.
- Vaccination should be taken up only under the supervision of a registered veteri nary practitioner.
- Keep reconstituted vaccine on ice.
- Use reconstituted vaccine immediately.
- Part use of vial and storing in deep freeze or refrigerator is not recommended .
- Fresh sterilized disposable needles are to be used for every sheep & goat to avoid cross contamination.
- A maximum of 10 withdrawals should be made from reconstituted vaccine.
- Vaccination of animals in advanced stage of pregnancy is not recommended.
- In rare cases hypersensitivity may occur, immediate treatment with antihistaminic is advocated.

Post vaccination reaction:

Generally no adverse reactions are noticed.

A few of vaccinated animals might show pyrexia and transient drop in milk yield.

Vaccination could precipitate pre-incubating diseases in rare cases.

Transportation and storage:

The vaccine should be transported at 2°C - 8°C upon arrival should be stored at -20°C.

The diluent should be stored in a cool and dark place.

PRESENTATION

Raksha - PPR vaccine is available in 25, 50 & 100 dose glass vials. Diluent: 25ml, 50ml, & 100ml in polypropylene vials.

Raksharab

(Rabies Veterinary Vaccine BP (Vet))

BACK TO PRODUCT RANGE

Raksharab is recommended for immunization of dogs and other domestic animals against rabies for prophylactic use.

COMPOSITION

Raksharab Vaccine contains inactivated rabies virus with a potency ≥ 1.0 I.U. per dose. The virus is propagated in BHK-21 Cell line, inactivated with an aziridine compound and concentrated. Aluminium hydroxide is added as an adjuvant.

ADMINISTRATION

1 ml. Subcutaneously **/** intramuscularly.

PROPHYLACTIC USE

Age - 3 months and above.

IMMUNITY

Immunity is conferred for 36 months. However, annual vaccination is recommended in endemic areas.

PRECAUTIONS

Shake well before use. Vaccinate only healthy animals. Malnutrition, helminth infestation, administration of immunosuppressive agents (like Corticosteroids, Radiation-therapy etc.) will interfere with immune response to the vaccine.

POST VACCINATION REACTIONS

Generally no adverse reactions are noticed. Occasionally a transient, palpable nodule may occur at the site of injection.

STORAGE AND TRANSPORT

Store and transport the vaccine between 2°C and 8°C till use. At no stage should the vaccine be allowed to freeze.

SHELF LIFE

36 months from the date of manufacture, when stored at recommended storage conditions.

PRESENTATION

Single dose vial	: 1 ml
Multidose vial containing 5 doses	: 5 ml
Multidose vial containing 10 doses	: 10 ml

Megavac-6

BACK TO PRODUCT RANGE

COMPOSITION

Megavac - 6 contains : Distemper*, Hepatitis (CAV2)*, Parvovirus*, Hepatitis (CAV1)•, Leptospira canicola•, Leptospira icterohaemorrhagiae•.

* : Live Attenuated viruses

• : Inactivated antigens

The above canine vaccine contain the following live attenuated viruses and / or inactivated antigens.

FEEZE DRIED VACCINES - LIVE

Canine Distemper

Live attenuated vaccine strain of canine distemper virus is grown on a continuous cell line and presented in a freeze dried form. Each dose contains $\geq 10^3$ $TCID_{50}$ live attenuated canine distemper virus. Continuous passage of the virus through tissue culture resulted in a highly attenuated virus vaccine of high purity, completely homogeneous and without side effects on susceptible pups. The safety of the vaccine is confirmed by intracerebral injection into susceptible pups and mice.

Canine Contagious Hepatitis

Live canine adenovirus type-2 (CAV-2) virus, causative organism of infectious laryngotracheitis is grown on a continuous cell line and presented in a freeze dried form. Each dose contains $\geq 10^3$ $TCID_{50}$ live attenuated CAV-2. The complete safety of CAV-2 strain and the total cross immunity properties with CAV-1, responsible agent for canine contagious hepatitis, has led to this choice for hepatitis vaccine. The safety of vaccine is confirmed by intravenous injection into sensitive pups.

Canine Parvovirus

Live attenuated canine parvovirus is grown on a continuous cell line and presented in a freeze dried form. Each dose contains $\geq 10^3$ $TCID_{50}$ live attenuated canine parvovirus. Parvovirus strain of canine origin is attenuated by continuous passages on cell cultures. The safety of this vaccine is determined by testing on susceptible pups and bitches at different stages of pregnancy.

The potency of canine parvovirus is tested by injecting into seronegative pups and antibodies are checked by haemagglutination inhibition (HI) test and by virulent challenge of the dogs after a single injection of vaccine. Vaccinated dogs showed no clinical or haematological symptoms. No virus excretion was observed in the faeces. Megavac-P can be used to immunize puppies with low titres of maternal antibodies.

AQUEOUS VACCINES - INACTIVATED

Canine contagious Hepatitis

Canine contagious hepatitis virus (canine adenovirus type-1) is grown on a continuous cell line and inactivated in such a manner that the virus loses its infectivity and retains its immunogenicity.

Leptospirosis

Leptospira canicola and Leptospira icterohaemorrhagiae are grown in a suitable medium and inactivated in such a manner that the culture loses its infectivity and retains its immunogenicity. The inactivated antigen incorporated in the vaccine contains $\geq 2 \times 10^8$ bacteria each. The strains of leptospira used to produce this vaccine are free from any pathogenic activity on any species. The somatic antigens are purified and concentrated by ultrafiltration. The antigens are inactivated by formaldehyde, and are purified at the end of inactivation and hence the final vaccine does not contain any residual toxic material. The final potency and safety of vaccine is tested on hamsters and dogs, which have to be resistant to challenge, proving fatal to the controls.

INDICATIONS

For the active immunization against Canine Distemper, Canine Contagious Hepatitis, Canine Parvovirus disease, Leptospirosis.

ADMINISTRATION AND DOSAGE

1 ml intramuscularly or subcutaneously for the vaccine. Freeze dried vaccines may be reconstituted with either aqueous vaccines or sterile diluent just before use. Shake the reconstituted vaccines before use. Vaccine should be administered observing aseptic precautions.

Continued

BACK TO PRODUCT RANGE

VACCINATION REGIMEN

First vaccination : 8 - 9 weeks of age
Second vaccination : 12 weeks of age
Revaccination : Yearly (annual)

IMMUNITY

Adequate immunity is established approximately 10 to 15 days after vaccination in case of seronegative dogs. In case of pups containing maternal antibodies second vaccination is advocated for complete protection. Immunity lasts for 1 to 2 years and annual revaccinations are recommended for fool proof protection.

ADVERSE REACTIONS / CONTRAINDICATIONS

Dogs already sick and / or heavily infested with parasites should not be vaccinated. Utmost care should be taken while vaccinating pregnant bitches. Dogs under corticosteroid therapy should not be vaccinated. In rare cases hypersensivity may occur, immediate treatment with antihistaminics is advocated. Use sterile material for injection purpose

EFFECTS WITH OTHER VACCINES

Megavac-6 is safe and can be used with other commonly used vaccines.

OVERDOSE

Twice the dose is also very safe in target species

WITHDRAWAL PERIOD

Not applicable

WARNINGS

The veterinarian who administer the vaccine should wash the hands before and after vaccination with soap followed by clean running water.

SHELF LIFE

24 months from the date of manufacture (when stored at recommended storage temperature).

STORAGE AND TRANSPORT

Store and transport the vaccine between 2°C and 8°C till use. At no stage should the vaccine be allowed to freeze.

PACKING INFORMATION

Megavac-6 is available in single dose packs. The vaccine is packed in glass vials. The glass vials are sealed with rubber bungs, aluminium flip off seals and labeled with corresponding labels. 25 doses are packed in a plastic tray / container. These trays are packed in polystyrene boxes with two cool packs with an outer corrugated boxes while transportation.

DISTRUCTION OF USED CONTAINERS

The empty containers of the vaccine, used syringes and needles should be discarded properly and carefully.

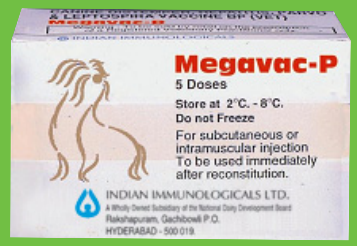
CAUTION

For veterinary use only.

Back

Megavac-P (Inact.)

(Canine Parvovirus vaccine inactivated (Vet))



BACK TO PRODUCT RANGE

COMPOSITION
Megavac - P (Inact.) vaccine contains tissue culture adapted strain of canine parvovirus grown on A-72 cell cultures and inactivated with β-propiolactone. Aluminium hydroxide gel is used as an adjuvant.

INDICATIONS
For the active immunization against Canine parvovirus disease.

ADMINISTRATION AND DOSAGE
1 ml subcutaneously or intramuscularly per animal. Vaccine should be administered observing aseptic precautions.

VACCINATION REGIMEN
First vaccination :6 weeks of age.
Second vaccination :3 weeks apart till the age of 18 weeks.
Revaccination :Yearly (annual)

IMMUNITY
Adequate immunity is established approximately 21-28 days after vaccination in case of seronegative dogs. In case of pups containing maternal antibodies second vaccination is advocated for complete protection. Immunity lasts for 1 to 2 years and annual revaccinations are recommended for foolproof protection.

ADVERSE REACTIONS / CONTRAINDICATIONS
Dogs already sick and / or heavily infested with parasites should not be vaccinated. Utmost care should be taken while vaccinating pregnant bitches. Dogs under corticosteroid therapy should not be vaccinated. In rare cases hypersensivity may occur, immediate treatment with antihistaminics is advocated. Use sterile material for injection purpose

EFFECTS WITH OTHER VACCINES
Megavac-P (inact.) is safe and can be used with other commonly used vaccines.

OVERDOSE
Twice the dose is also very safe in target species

WITHDRAWAL PERIOD
Not applicable

WARNINGS
The veterinarian who administers the vaccine should wash the hands before and after vaccination with soap followed by clean running water.

SHELF LIFE
24 months from the date of manufacture (when stored at recommended storage temperature).

STORAGE AND TRANSPORT
Store and transport the vaccine between 2°C and 8°C till use. At no stage should the vaccine be allowed to freeze.

PACKING INFORMATION
Megavac-P (inact.) is available in single dose packs. The vaccine is packed in glass vials. The glass vials are sealed with rubber bungs, and flip off seals with the corresponding labels. 10 doses are packed in a carton. These cartons are packed in polystyrene boxes with two cool packs with an outer corrugated box while transportation.

DISTRUCTION OF USED CONTAINERS
The empty containers of the vaccine, used syringes and needles should be discarded properly and carefully.

CAUTION
For veterinary use only.

Megavac-CC

(Canine Corona virus vaccine inactivated (Vet))

BACK TO PRODUCT RANGE

COMPOSITION
Megavac-CC vaccine contains tissue culture adapted strain of Canine Corona virus grown on A-72 cell cultures and inactivated with β-propiolactone. Aluminium hydroxide gel is used as an adjuvant.

INDICATIONS
For the active immunization against Canine corona virus disease.

ADMINISTRATION AND DOSAGE
1 ml subcutaneously or intramuscularly per animal. Vaccine should be administered observing aseptic precautions.

VACCINATION REGIMEN
First vaccination :8-9 weeks of age
Second vaccination :12 weeks
Revaccination :Yearly booster is recommended.

IMMUNITY
Adequate immunity is established approximately 10 - 15 days after vaccination in case of seronegative dogs. In case of pups possessing maternal antibodies second vaccination is advocated for complete protection. Immunity lasts for 1 to 2 years and annual revaccinations are recommended.

ADVERSE REACTIONS / CONTRA INDICATIONS
Dogs already sick and/or heavily infected with parasites should not be vaccinated. Utmost care should be taken while vaccinating pregnant bitches. Dogs under corticosteroid therapy should not be vaccinated. In rare cases hypersensitivity may occur, immediate treatment with antihistaminics is advocated.

EFFECTS WITH OTHER VACCINES
Megavac – CC is safe and can be used with other commonly used vaccines.

OVERDOSE
Twice the dose is also very safe in target species.

WITHDRAWAL PERIOD
Not applicable

WARNING
The veterinarian who administers the vaccine should wash the hands before and after vaccination with soap followed by clean running water.

SHELF LIFE
24 months from the date of manufacture (when stored at recommended storage temperature)

STORAGE AND TRANSPORT
Store and transport the vaccine between 2°c to 8°c till use. At no stage should the vaccine be allowed to freeze.

PACKING INFORMATION
Megavac - CC is available in single dose packs. The vaccine is packed in glass vials. The glass vials are sealed with rubber bungs, aluminium seals and flip off seals with the corresponding labels. 10 doses are packed in a carton. These cartons are packed in polystyrene boxes with two cool packs with an outer corrugated box while transportation.

DISTRUCTION OF USED CONTAINERS
The empty containers of the vaccine, used syringes and needles should be discarded properly and carefully.

CAUTION
For veterinary use only.

Ivectin

(Veterinary Injection 1 % W/V)

BACK TO PRODUCT RANGE

Ivermectin is a clear oil based injectable solution presented in colorless vials. Ivermectin belongs to the group macrolides, an antibiotic produced by actinomycetes micro-organisms. It is also known as macrocyclic lactones. It is highly potent parasiticide which show great activity against a wide range of endo-parasites and ecto-parasites. The dose requirements is so minute that it requires only micrograms of drug as compared to milligrams of other drugs. This can be administered orally or parenterally. It's activity persists for along time. Ivermectin has got a wide safety margin of >30 times the recommended dose in cattle.

COMPOSITION

Each ml contains Ivermectin 10 mg. Ivermectin is a mixture comprising of not less than 80% 22, 23-dihydroavermectin B_{1a} and not more than 20% 22, 23-dihydroavermectin B_{1b} .

ACTIVITY

Ivermectin is effective against all stages of most of the major parasites including canine heartworm larvae. It is also a potent ectoparasiticide. Its mode of action restricts its use against tapeworms and flukes. Ivermectin acts on the parasites by effecting Gama Amino Butyric Acid (GABA) mediated signals between nerves and muscles. Flukes and tapeworms (Platyhelminths) are known not to use GABA as a neurotransmitter. Mammalian GABA –engic neurons occur in the central nervous system and ivermectin dose not penetrate mammalian blood-brain barrier and hence it has low toxicity. The detailed activity against specific parasites in various hosts is mentioned in the table below.

METABOLISM

Ivermectin is readily absorbed, especially when given parenterally. High concentrations of drug are sustained in the tissues for long periods, after parenteral administration. Drug residues occur mainly in the liver and fat with very little in the muscle. The bulk drug is excreted in the faeces (98%) with only 2% in the urine. A withdrawl period of 21 days (28 days for cattle) before slaughter is required because of the persisting levels of drug in tissues, and milk from dairy cattle undergoing treatment with Ivermectin is not recommended for Human consumption.

DOSAGE

Cattle	: 1.0 ml / 50 Kg B.Wt. Subcutaneously.
Sheep	: 0.5 ml / 25 Kg B.Wt. Subcutaneously.
Pigs	: 1.0 ml / 33 Kg B.Wt. Subcutaneously.
Dogs	: 0.02 ml / Kg B.Wt. Subcutaneously (in case of heart worms 6 mcg/kg once in 30 days).

TOXICITY

Ivermectin has a safety index of > 30 times the recommended dose in cattle. It should not be administered parenterally to horses, and is toxic in certain breeds of dogs like collies. The relatively high brain concentration of drug in these animals is due to genetic susceptibility to greater penetration of the blood brain barrier and results in the toxicity.

Continued

BACK TO PRODUCT RANGE

ACTION OF IVERMECTIN (1% w/v INJECTABLE SOLUTION) IN VARIOUS ANIMALS

ANIMAL	ADMINISTRATION	DOSAGE	PARASITES CONTROLLED
Cattle	Subcutaneous	1.0 ml/50 kg body weight	Hypoderma bovis, Hypoderma lineatum, Dermatobia hominis, Haematopinus eurysternus, Lonognathus vituli, Sarcoptes scabiei var bovis, Boophilus microplus, Boophilus decoloratus, Screw worms, Chrysomia bezziana, Trichostrongylus axei, Haemonchus sps., Ostertagia sps., Ostertagia inhibited Larvae 4, Trichostrongylus sps., Nematodirus sps., Cooperia sps., Bunostomum sps., Strongyloides sps., Oesophagastomum sps, Chabertia sps., Trichuris sps., Dictyocaulus sps.
Sheep	Subcutaneous	0.5 ml/25 kg body weight	Oestrus ovis, Sarcoptes scabiei, Psoregates var ovis, Trichostrongylus axei, Haemonchus sps., Ostertagia sps., Ostertagia inhibited Larvae 4, Trichostrongylus sps., Nematodirus sps., Cooperia sps., Bunostomum sps., Strongyloides sps., Oesophagastomum sps., Chabertia sps., Chabertia sps., Trichuris sps., Dictyocaulus sps.
Pigs	Subcutaneous	1.0 ml/33 kg body weight	Haematopinus suis, Sarcoptes scabiei var suis, Hyostrongylus rubidus, Ascaris suum, Stongyloides ransomi, Oesophagastomum sps., Metastrongylus sps.
Dogs	Subcutaneous	0.02 ml / kg body weight	Sarcoptes scabiei, Otodectes cynotis, Toxascaris leonina, Toxocara caninum / cati, Uncinaria stenocephala, Ancylostoma caninum, Trichuris vulpis, Dirifilaria (larval stages)

Withdrawal Period

Meat : 28 days, Milk : 28 days

Presentation

The Ivectin Injection is available in 1 ml, 7 ml and 50 ml packs.

Back

Vetalben

(Albendazole Suspension U.S.P 2.5% w/v)

BACK TO PRODUCT RANGE

DESCRIPTION
A liquid suspension containing Albendazole.

COMPOSITION
Each ml contains Albendazole I.P. 25 mg.

INDICATIONS
A broad spectrum anthelmintic for treatment of gastrointestinal infestations due to roundworms, lungworms, tapeworms, liverflukes and amphistomes. Albendazole also has an ovicidal effect.

DOSAGE

FOR ROUNDWORMS / TAPEWORMS	
All animals except Dog & Cat	5 mg per kg body weight. i.e. 2 ml per 10 kg. body weight
Dog and Cat	10 – 25 mg per kg. body weight i.e. 0.4 ml to 1 ml per kg. body wt To be given in divided doses for 3 days

FOR FLUKES	
Cattle / Buffalo	10 mg per kg body weight. i.e. 4 ml per 10 kg. body weight
Sheep & Goat	7.5 mg per kg. body weight i.e. 3 ml per 10 kg. body weight

In all animals, repeating the treatment 3 weeks after first dose and there after every two months, offers better control of worm infestation.

ADMINISTRATION
By oral drenching.

WITHDRAWAL PERIOD
Meat : 14 days, Sheep : 10 days and Milk : 3 days

WARNINGS
Animals intended for human consumption should not be slaughtered during the treatment. Milk from the animals which are under treatment with Vetalben should not be used for human consumption. Before calculating the dosage, assess body weight as accurately as possible.

PRECAUTIONS
Dispose the used containers safely. Keep the drug out of reach of children. Shake well before use. Wash hands after use. Protect from light and freezing. Store in cool and dark place below 25°C. For veterinary use only.

PACK
Vetalben is available in 1 & 5 liter HDPE packs.

Vetalben 10%

(Albendazole Suspension U.S.P 10 % w/v)

BACK TO PRODUCT RANGE

Description
A liquid suspension containing Albendazole.

Composition
Each ml contains Albendazole 100 mg.

Indications
A broad spectrum anthelmintic for treatment of gastrointestinal infestations due to roundworms, lungworms, tapeworms, liverflukes and amphistomes. Albendazole also has an ovicidal effect.

Dosage

FOR ROUNDWORMS / TAPEWORMS	
All animals except Dog & Cat	5 mg per kg body weight. i.e. 1 ml per 20 kg. body weight
Dog and Cat	10 - 25 mg per kg. body weight i.e. 1 ml to 2.5 ml per 10 kg. body wt To be given in divided doses for 3 days

FOR FLUKES	
Cattle / Buffalo	10 mg per kg body weight. i.e. 1 ml per 10 kg. body weight
Sheep & Goat	7.5 mg per kg. body weight i.e.1.50 ml per 20 kg. body weight

In all animals, repeating the treatment 3 weeks after first dose and there after every two months, offers better control of worm infestation.

Administration
By oral drenching.

Withdrawal Period
Meat : 14 days, Sheep : 10 days and Milk : 3 days

Warnings
Animals intended for human consumption should not be slaughtered during the treatment. Milk from the animals which are under treatment with Vetalben should not be used for human consumption. Before calculating the dosage, assess body weight as accurately as possible.

Precautions
Dispose the used containers safely. Keep the drug out of reach of children. Shake well before use. Wash hands after use. Protect from light and freezing. Store in cool and dark place below 25°C. For veterinary use only.

Pack
Vetalben 10% is available in 1 & 5 liter HDPE packs.

Vetalben-300

(Albendazole 300 mg tablets)

BACK TO PRODUCT RANGE

Vetalben 300 mg is a broad spectrum anthelmintic for the treatment of gastrointestinal infestations due to round worms, lungworms, tapeworms, liverflukes and amphistomes.

DESCRIPTION

Deep green coloured Boli .

USES

A broad spectrum multi-purpose anthelmintic for control of following types of internal parasites in cattle, sheep, and goats.
Round worms, Lungworms, Tapeworms, Liverflukes and Amphistomes.

DOSAGE AND ADMINISTRATION

Vetalben 300 mg tablets are to be administered orally.

Animals	Gastrointestinal round worms lung worms tape worms	Chronic Fascioliasis due to F.hepatica	Acute Fascioliasis due to Dircocoelium dendriticum
Cattle	1 bolus for 40 kg b.w	1 bolus for 30 kg b.w	2 boli for 40 kg b.w
Sheep & Goats	½ bolus for 40kg b.w	1 bolus for 40 kg b.w	2 boli for 40 kg b.w

CONTRA INDICATIONS

When followed recommended dosage Vetalben-300 is very safe in all species. However over dosage (five times the recommended dosage) may lead to adverse reactions in the healthy animals.
Treat the pregnant animals only as per the dosage strictly.
Keep the tablets out of the reach of children.

WITHDRAWL PERIOD

The milk from the animals (which underwent Vetalben-300 treatment) is fit for human consumption only after 72 hour post treatment.
The animals are fit for slaughter only after 14 days of post treatment.

STORAGE

Store in a dark place.

PRESENTATION

Each strip (blister pack) contains 5 boli. 10 strips are packed in a carton (Each carton contains 50 boli).

Vetalben-600

(Albendazole 600 mg bolus)

BACK TO PRODUCT RANGE

Vetalben 600 mg is a broad spectrum anthelmintic for the treatment of gastrointestinal infestations due to round worms, lungworms, tapeworms, liverflukes and amphistomes.

DESCRIPTION
Deep Green coloured bolus.

USES
A broad spectrum multi-purpose anthelmintic for control of following types of internal parasites in cattle, sheep, and goats.
Round worms, Lungworms, Tapeworms, Liverflukes and Amphistomes.

DOSAGE AND ADMINISTRATION
Vetalben 600 mg tablets are to be administered orally.

Animals	Gastrointestinal Round worms Lung worms Tape worms due to	Chronic Fascioliasis due to F.hepatica	Acute Fascioliasis Dircocoelium dendriticum
Cattle	1/2 bolus for 40 kg b.w	1/2 bolus for 30 kg b.w	1 bolus for 40 kg b.w
Sheep & Goats	½ bolus for 40kg b.w	1/2 bolus for 40 kg b.w	1 bolus for 40 kg b.w

CONTRA INDICATIONS
When followed recommended dosage Vetalben-600 is very safe in all species. However over dosage (five times the recommended dosage) may lead to adverse reactions in the healthy animals.
Treat the pregnant animals only as per the dosage strictly. Care should be taken not to exceed recommended dosage during the first month of pregnancy.
Keep the tablets out of the reach of children.

WITHDRAWL PERIOD
The milk from the animals (which underwent Vetalben-600 treatment) is fit for human consumption only after 72 hour post treatment.
The animals are fit for slaughter only after 14 days of post treatment.

STORAGE
Store in a dark place.

PRESENTATION
Each strip (blister pack) contains 5 boli. 10 strips are packed in a carton (Each carton contains 50 boli).

Prazital

(Tablet of Pyrental Pamoate + Praziquantel)

BACK TO PRODUCT RANGE

Prazital is a formidable combination of Praziquantel and Pyrantel Pamoate and it offers assured elimination of roundworms, hookworms, ascarides and tapeworms.

COMPOSITION

Each Tablet contains
Praziquantel : 20 mg
Pyrantel Pamoate : 230 mg

INDICATIONS

It is a broad spectrum endoparaciticide used for the treatment and elimination of roundworms, hookworms, ascarides and tapeworms in feline.

PRAZIQAUNTEL

Novel anthelmentic with excellent activity against all species of tapeworms and schistosomes. It belongs to the group Isoquinolones.

Well distributed to all organs passes brain barrier.

Effective against both adult and juveniles also against cestode larvae or adults at varied location - Muscle, brain, peritoneal cavity, bile duct, intestines etc-Highly safe.

PYRENTAL PAMOATE

Poorly soluble in water-higher efficacy on parasites at lower end of large intestine.

Cholinergic agonist-mimics effective of excessive amounts of acetyl choline-causes irreversible paralysis of worms.

Highly effective against common hookworms (Ancylostoma caninum) and Ascarides.

High safety index in dogs : 138 times therapeutic dose.

ADMINISTRATION

Can be given mixed with food.

DOSE

One tablet per 4 kg B.wt.

SPECIAL INSTRUCTIONS

Keep the drug out of the reach of children. Part used tablets must be discarded. For Veterinary use only.

SHELF LIFE

36 months from the date of manufacture, when stored at recommended storage conditions.

STORAGE

Store in a cool and dark place. The storage temperature should not exceed 25°C.

PRESENTATION

Strip of 10’s

Prazital Plus

(Tablet of Fenbendazole + Pyrental Pamoate + Praziquantel)

BACK TO PRODUCT RANGE

Prazital is a formidable combination of Fenbendazole, Pyrantel Pamoate and Praziquantel and it offers assured elimination of roundworms, hookworms, ascarides and tapeworms.

COMPOSITION

Each Tablet contains : Fenbendazole USP : 150 mg, Pyrantel Pamoate : 144 mg and Praziquantel : 50 mg

INDICATIONS

It is a broad spectrum endoparaciticide used for the treatment and elimination of roundworms, hookworms, ascarides and tapeworms in dogs and puppies.

FENBENDAZOLE

Longer availability in body than other benzimidazoles, which ensures complete elimination of round worms. Non-teratogenic, completely safe even in pregnant animals. Ovicidal and larvicidal.

PYRENTAL PAMOATE

Poorly soluble in water-higher efficacy on parasites at lower end of large intestine. Cholinergic agonist-mimics effective of excessive amounts of acetyl choline-causes irreversible paralysis of worms. Highly effective against common hookworms (Ancylostoma caninum) and Ascarides. High safety index in dogs : 138 times therapeutic dose.

PRAZIQAUNTEL

Novel anthelmentic with excellent activity against all species of tapeworms and schistosomes. It belongs to the group Isoquinolones. Well distributed to all organs passes brain barrier. Effective against both adult and juveniles also against cestode larvae or adults at varied location – Muscle, brain, peritoneal cavity, bile duct, intestines etc-Highly safe.

ADMINISTRATION

Can be given directly or mixed with food.

DOSE

One tablet per 10 kg B.wt.

SPECIAL INSTRUCTIONS

Keep the drug out of the reach of children. Part used tablets must be discarded. For Veterinary use only

SHELF LIFE

36 months from the date of manufacture, when stored at recommended storage conditions.

STORAGE

Store in a cool and dark place. The storage temperature should not exceed 25°C.

PRESENTATION

Strip of 2’s

Prozal

(Diminazene Aceturate Granules)

BACK TO PRODUCT RANGE

DESCRIPTION
Prozal is a Chemotherapeutic Agent used for the treatment and control of Typanosomiasis, Babesiosis and Theileriosis in animals.

COMPOSITION
Each 2.36 gram contains 1.05 gram of Diminazene aceturate.

INDICATIONS
Prozal is a very effective and well tolerated drug used for the treatment and control of Typanosomiasis, Babesiosis and Theileriosis in animals.

Trypanosomiasis : Caused by Trypanosoma congolense, T.vivax, T.brucei
Babesiosis (Piroplasmes) : Caused by Babesia bovis, B. bigemina, B. ovis, B. motasi,
B.canis and Theileria annulata.
Prozal is also suitable for the treatment of mixed infections with trypanosomes and piroplasmes also pyrexia of unknown origin.

CONTRA INDICATIONS
Do not use for camels and dogs.

DOSAGE & ADMINISTRATION
The dose for all animals when infected with Babesiosis, T.congolense, T.vivax is 0.8 g of Prozal granules per 100 kg b.w. For infections with T.brucei, twice this quantity is indicated.

5 ml of injection solution per 100 kg b.w.
Preparation of injection solution : Dissolve 2.36 g of Prozal in 12.5 ml water (amounts 15 ml)

The Prozal granules dissolve rapidly in the volume of indicated for injection. The prepared Injection solution is stable for 5 days and when stored at a cool place for 14 days. The injection solution must be protected from sunlight and must be stored in sealed glass vials.

Prozal can be administered either by deep intramuscular route or by subcutaneous route.

STORAGE
Store in a cool and dry place.

PRESENTATION
Prozal is available in 2.36 g glass bottles and 2.36 g sachets. 100 sachets are packed in a corrugated box.

Tikkil (Powder)

(Cypermethrin WDP 10 % w/w)

BACK TO PRODUCT RANGE

DESCRIPTION
Tikkil is a highly effective ecto parasiticide containing synthetic pyrethroid Cypermethrin high Cis 10% w/w.

COMPOSITION
Each gm contains Cypermethrin high Cis 10% w/w

INDICATIONS
Tikkil is a broad spectrum ectoparasiticide used for the control of flies of cattle and horses, blowfly larve, biting lice, ticks and headflies of sheep and mites of poultry, scabies and mange mites of cattle, sheep and dog ticks and lice.

MODE OF ACTION
Tikkil exerts its action on sodium channels of parasite nerve axons causing initial excitement and then paralysis.

INDICATIONS
Flies on cattle and horses, blowfly larve, biting lice, ticks and head flies on sheep and remites on poultry, scab and mange mites on cattle, sheep and dogs.

CONTRA INDICATIONS
Treatment of lambs less than one week of age or treatment of animals during hot weather should be avoided. Not to be applied on the tail region of the lambs because this could interfere with ewe-lamb recognition.

WARNING
Wash udders of sprayed animals before milking and apply only to unbroken lesions. Accidental splashes on skin must be washed immediately with soap and plenty of water.

PREACUTIONS
Avoid contact with concentrate and emulsion. Accidental splashes on skin and clothes must be washed with soap and plenty of water. Avoid contact with skin, eyes or swallowing. Avoid breathing spray mist. Wear protective clothing. Do not eat, drink and smoke during treatment. Wash hands thoroughly after use before eating, drinking and smoking. In case of indisposition, seek medical aid. If swallowed refer to a doctor or nearest hospital. Apply symptomatic therapy. Do not treat ill, weak, exhausted or thirsty animals. Keep the product out of reach of children, pets and foodstuff. Tikkil should not be sprayed on feed and feed bags. Keep away from heat open flame. Destroy empty sachets / pouches.

ANTIDOTE
In case of ingestion, carry out gastric lavage with care to prevent aspiration. Treat symptomatically.

WITHDRAWAL PERIOD
No withdrawal period for milk. 3 days pre-slaughter interval for meat.

DOSAGE & ADMINISTRATION
Tikkil is to be mixed with water and sprayed on the animal.

DOSAGE AND ADMINISTRATION

Dilution rate / Lit. Water		Use for
Cattle, Camel	1 gm	Whole body spray dip, initial charge & replenishment
Cattle	5 gm	Back line spray 0.5 lit / animal.
Sheep and Goats	1 gm	Dip, initial charge & replenishment.
Dogs	1 gm	Whole body spray or wash
Poultry	1 gm	60 lit of spray mixture per 1000 birds
Animal Hosing	20 gm	5 liters of emulsion per 100 sq.m. surface

STORAGE Store in a cool and dry place.

PRESENTATION Tikkil is available in 5 gm and 15 gm sachets / pouches.

Tikkil (Solution)

(Cypermethrin High Cis Emulsifiable Concentrate (Vet.))

BACK TO PRODUCT RANGE

Tikkil is a highly effective ecto parasiticide containing synthetic pyrethroid Cypermethrin high Cis 10% w/v.

COMPOSITION
Each ml contains Cypermethrin high Cis 10% w/v (100 g per liter).

INDICATIONS
Tikkil is a broad spectrum ectoparasiticide used for the control of ticks, lice, scab and mange mites, and flies on Cattle, Sheep, Goat, Horse, Camel, Poultry, Dogs and Farm Premises.

MODE OF ACTION
Tikkil exerts its action on sodium channels of parasite nerve axons causing initial exitement and then pralysis.

INDICATIONS
Flies on cattle and horses, blowfly larve, biting lice, ticks and headflies on sheep and remites on poultry, scab and mange mites on cattle, sheep and dogs.

CONTRA INDICATIONS
Treatment of lambs less than one week of age or treatment of animals during hot weather should be avoided. Not to be applied on the tail region of the lambs because this could interfere with ewe-lamb recognition.

WARNING
Wash udders of sprayed animals before milking and apply only to unbroken lesions. Accidental splashes on skin must be washed immediately with soap and plenty of water.

PREACUTIONS
Avoid contact with concentrate and emulsion. Accidental splashes on skin and clothes must be washed with soap and plenty of water. Avoid contact with skin, eyes or swallowing. Avoid breathing spray mist. Wear protective clothing. Do not eat, drink and smoke during treatment. Wash hands thoroughly after use before eating, drinking and smoking. In case of indisposition, seek medical aid. If swallowed refer to a doctor or nearest hospital. Apply symptomatic therapy. Do not treat ill, weak, exhausted or thirsty animals. Keep the product out of reach of children, pets and foodstuff. Tikkil should not be sprayed on feed and feed bags. Keep away from heat open flame. Destroy empty containers.

ANTIDOTE
In case of ingestion, carry out gastric lavage with care to prevent aspiration. Treat symptomatically.

WITHDRAWAL PERIOD
No withdrawal period for milk. 3 days preslaughter interval for meat.

DOSAGE & ADMINISTRATION
Tikkil can be used either as a spray or dip treatment.

Dosage And Administration

Species	Dilution rate with Water	Application
Cattle Camel	1 ml / lit water (for ticks)	Whole body spray dip, initial charge & replenishment
Cattle	5 ml / lit water (for flies)	Back line spray 0.5 lit / animal.
Sheep	1 ml / lit water (for scab & lice)	Dip, initial charge & replenishment.
Dogs	1 ml / lit water (for ticks, lice, mites, flies)	Whole body spray or wash
Poultry	1 ml / lit water (for ticks, lice, mites, flies)	60 lit of spray mixture per 1000 birds
Animal Housing	20 ml / lit water	5 liters of emulsion per 100 sqm surface

STORAGE Store in a cool and dry place.

PRESENTATION
Tikkil is available in 15 ml and 50 ml Aluminium bottles.

Gyroflox

(Enrofloxacin10% Injection)

BACK TO PRODUCT RANGE

COMPOSITION
Each ml of injection contains Enrofloxacin 100 mg.

INDICATIONS
Gyroflox being a broad spectrum antibacterial is indicated in either single or mixed bacterial infections.

In Livestock
Gyroflox is effective against E.coli, Salmonella Spp., Pasteurella Spp., Klebsiella Spp., Moraxella bovis, Campylobacter Spp., Haemophilus Spp., Pseudomonas aeruginosa, Brucella canis. Stephylococcus Spp., Streptococcus Spp., Corynebacterium pyogenes, Clostridium perfringens, Erysipelothrix, Mycoplasma Spp., and others like Leptospira Spp. Hence Gyroflox is suitable for the treatment of infections such as : Coli-diarrhoea, Coli Septicaemia, Bronchopneumonia, Enzootic pneumonia, Salmonellosis, Acute Mastitis, Enteritis, Colibacillosis, Clostridiosis, MMA Complex, Urinary tract infection, Wound infection and Secondary bacterial infection associated with viral diseases.

In Poultry
Gyroflox is effective in infections with Gram - negative and Gram – positive bacteria and Mycoplasma.

BENEFITS
Effective against all major bacterial infections of gastrointestinal, respiratory and urogenital systems.
A true broad spectrum antibacterial that controls gram-negative and gram-positive bacteria and mycoplasma infections.
Acts rapidly against proliferating and dormant phase of pathogens.
Maximum effective concentration in blood serum is achieved within 1-2 hours.
Able to penetrate placenta and blood brain barrier.
Safe and free from side effects. Contains safe preservative-Methyl & Propyl Paraben.

ADMINISTRATION
Gyroflox injection should be administered by subcutaneous / Intravenous route only.
Tablet by oral route : 1 tablet/10 kg Body wt.

DOSAGE
Ruminants : 1 ml/40 kg Body wt.
Dog, Cat : 1 ml/20 kg Body wt.
Poultry : 1 ml/10 kg. Body wt.

PACK
Gyroflox injection is available in 2 ml, 15 ml & 50 ml vials.

SHELF LIFE
24 months from the date of manufacture when stored at the recommended storage conditions.

WITHDRAWAL PERIOD
Meat : 14 days, Milk : Not applicable

CAUTION AND CONTRAINDICATIONS
Gyroflox should not be administered to dogs below 12 months of age and is not to be used to treat horses. Gyroflox is not recommended in combination with chloramphenicol, Macrolides, Tetracyclines, Megnesium and Aluminium containing substances might hamper the absorption of Gyroflox from the gastro-intestinal tract.

WARNING
Keep the drug out of reach of children. Shake will before use. Protect from light and freezing. Store in cool and dark place below 25°C. For veterinary use only.

Gyroflox (Tablets)

(Enrofloxacin Tablets 50 mg)

BACK TO PRODUCT RANGE

COMPOSITION
Each tablet contains Enrofloxacin 50 mg.

INDICATIONS
Gyroflox being a broad spectrum antibacterial is indicated in either single or mixed bacterial infections.

In Livestock
Gyroflox is effective against E.coli, Salmonella Spp., Pasteurella Spp., Klebsiella Spp., Moraxella bovis, Campylobacter Spp., Haemophilus Spp., Pseudomonas aeruginosa, Brucella canis. Stephylococcus Spp., Streptococcus Spp., Corynebacterium pyogenes, Clostridium perfringens, Erysipelothrix, Mycoplasma Spp., and others like Leptospira Spp. Hence Gyroflox is suitable for the treatment of infections such as : Coli-diarrhoea, Coli Septicaemia, Bronchopneumonia, Enzootic pneumonia, Salmonellosis, Acute Mastitis, Enteritis, Colibacillosis, Clostridiosis, MMA Complex, Urinary tract infection, Wound infection and Secondary bacterial infection associated with viral diseases.

In Poultry
Gyroflox is effective in infections with Gram - negative and Gram - positive bacteria and Mycoplasma.

In Dogs & Cats
For the treatment of diseases associated with bacteria susceptible to enrofloxacin.

BENEFITS
Effective against all major bacterial infections of gastrointestinal, respiratory and urogenital systems.

A true broad spectrum antibacterial that controls gram-negative and gram-positive bacteria and mycoplasma infections.

Acts rapidly against proliferating and dormant phase of pathogens.

Maximum effective concentration in blood serum is achieved within 1-2 hours.

Able to penetrate placenta and blood brain barrier.

Safe and free from side effects.

ADMINISTRATION
Tablet by oral route

DOSAGE
1 tablet/10 kg Body wt.

PACK
Strip of 10's

Gyroflox

(Enrofloxacin 10% Oral Suspension)

BACK TO PRODUCT RANGE

COMPOSITION

Each ml of Gyroflox Suspension contains Enrofloxacin 100 mg.

INDICATIONS

Gyroflox being a broad spectrum antibacterial is indicated in either single or mixed bacterial infections.

In Livestock

Gyroflox is effective against E.coli, Salmonella Spp., Pasteurella Spp., Klebsiella Spp., Moraxella bovis, Campylobacter Spp., Haemophilus Spp., Pseudomonas aeruginosa, Brucella canis. Stephylococcus Spp., Streptococcus Spp., Corynebacterium pyogenes, Clostridium perfringens, Erysipelothrix, Mycoplasma Spp., and others like Leptospira Spp. Hence Gyroflox is suitable for the treatment of infections such as : Coli-diarrhoea, Coli Septicaemia, Bronchopneumonia, Enzootic pneumonia, Salmonellosis, Acute Mastitis, Enteritis, Colibacillosis, Clostridiosis, MMA Complex, Urinary tract infection, Wound infection and Secondary bacterial infection associated with viral diseases.

In Poultry

Gyroflox is effective in infections with Gram - negative and Gram - positive bacteria and Mycoplasma.

Gyroflox is used for the treatment of colibacillosis, salmonellosis and infections caused by mycoplasma. Before administration, check the sensitivity of the causing agent to enrofloxacin with an antibiogram. Provided that an increase of resistances can appear during treatment, the speciality should only be administered after ensuring the bacteriological diagnostic and when resistance to other antibiotics exists

In Dogs & Cats

For the treatment of diseases associated with bacteria susceptible to enrofloxacin.

Benefits : Effective against all major bacterial infections of gastrointestinal, respiratory and urogenital systems. A true broad spectrum antibacterial that controls gram-negative and gram-positive bacteria and mycoplasma infections. Acts rapidly against proliferating and dormant phase of pathogens. Maximum effective concentration in blood serum is achieved within 1-2 hours. Able to penetrate placenta and blood brain barrier. Safe and free from side effects.

ADMINISTRATION

Oral through the drinking water

DOSAGE

General Dosage for Poultry : 0.1 ml of Gyroflox oral per kg. body weight. . It is obtained by administering 0.5 litres (50 g of enrofloxacin) per 1000 litres of drinking water for three consecutive days.
In the case of salmonellosis, the length of treatment is 5 days.: Renew medicated water after 24 hours.

The general dosage for all Ruminants : 0.25 ml / 10 Kg B.Wt. for 3 - 5 days

Dogs & Cats : 0.5 ml per 10 kg. B. Wt.

WITHDRAWAL PERIOD

Meat : 14 days, Milk : 3 days.

CAUTION

Do not exceed the recommended dosage. Do not administer in case of resistance to the quinolones, because of cross-resistance. In relation to fluoroquinolones, a complete cross-resistance exists. Do not treat animals with previous case of streptococcal infections.

Like fluoroquinolones, enrofloxacin has a damaging action on articulations, especially in young animals. Consequently, caution must be taken in not increasing excessively the dose and length of treatment.

Antagonic effects can appear administering it together with chloramphenicol, maccolides, or tetracyclines.

PACK Gyroflox is available in 1.0 lit. packs.

Nimovet

Nimesulide Injection 10% w/v

BACK TO PRODUCT RANGE

COMPOSITION
Each ml contains: Nimesulide 100 mg

DESCRIPTION
Nimesulide is a non-steroidal anti-inflammatory drug (NSAID) that has antipyretic and analgesic properties. The anti-inflammatory, analgesic and antipyretic activities of Nimesulide, a drug belonging to the same class of Sulfonanilide, have been demonstrated in a number of experimental models and in numerous clinical trials. The compound is weakly acidic (pKa = 6.5) and differs from other NSAIDs as it contains in its chemical structure the acid group of the Sulfonanilide molecule. Nimesulide has exhibited a pharmaceutical power similar to other agents, such as Indomethacin, Diclofenac, Piroxicam and Ibuprofen in standard animal models of inflammation. The analgesic potency of Nimesulide is similar to that of ibuprofen and indomethacin. Nonetheless Nimesulide has shown a higher antipyretic potency than indomethacin, ibuprofen, aspirin and Paracetamol.
The mechanism by which Nimesulide exerts its action is complex. Nimesulide appears to act at different stages of the inflammatory reaction and selectively, it is a COX-2 inhibitor. Nimesulide has the unique feature of exhibiting multifaceted actions. Nimesulide inhibits Prostaglandin synthesis at the sites of inflammation. It acts as a competitive inhibitor of histamine and in-vitro reduces the super oxide anion formation by activated neutrophils. Nimesulide and its active metabolite also appear to have direct anti-oxidant properties against various free radicals. It also inhibits the platelet activating factor and integrin. Nimesulide may prevent the cartilage damage by inhibiting metalloprotienase and cytokines.
DOSAGE RECOMMENDATION:

DOGS AND CATS
3-5 mg per Kg B.wt.

CATTLE, BUFFALOES, SHEEP AND GOATS
2-4 mg. per Kg B.wt.

ROUTE OF ADMINISTRATION
Intra-muscular.

DOSAGE INTERVAL
At 24 hourly intervals.

INDICATIONS FOR USE
Pyrexia, Musculoskeletal affections (Limping, Lameness, joint affections, sprain, trauma, wounds, arthritis, Bursitis, Sinuvitis etc)
ENT affections (Rhinitis, Pharyngytis, Otitis etc)
Other Systemic or infectious diseases (Upper or lower respiratory tract infections, FMD, Contagious ecthyma, mastitis etc)
Post operative or surgical inflammatory conditions.

CONTRA-INDICATIONS
Acute renal failures, Marked hepatic dysfunctions, blood dyscrasias, pregnancy, ulcerative gastro intestinal diseases, cardiac diseases and in neonates.

NOT TO BE USED IN HORSES.

SPECIAL PRECAUTIONS
Warfarin poisoning, Haemolytic diseases, renal and hepatic dysfunctions, severe cardiac diseases and in pregnancy.

POSSIBLE SIDE EFFECTS
In dogs and cats, Nimesulide may be painful, especially in large doses, in a few cases, it may cause mild gastritis in dogs. Abortion may occur if administered to pregnant animals.
In very high doses, Nimesulide may cause gastric irritation and toxicity symptoms in liver and Kidney.
Rarely, it causes acute renal failure in new borne and young calves, in puppies and Kitten.

Calgonate

Injection B.P (Vet)

BACK TO PRODUCT RANGE

DESCRIPTION

Calgonate is a mixture of calcium gluconate and boric acid.

COMPOSITION

Calcium Gluconate I.P.	: 20.80% w/v
(Equivalent to Calcium 1.86% w/v)	
Boric Acid I.P.	: 4.25 %
Chlorocresol I.P. (as Preservative)	: 0.1 %
Water for injection I.P.	: q.s.

INDICATIONS

Calgonate is recommended for the treatment of acute and chronic hypocalcaemia in cows, buffaloes, ewes, doe and sows. It is extensively used in clinical and subclinical cases of milk fever in cows, buffaloes and other species of domestic animals. It is also recommended for the prevention and treatment of drug induced liver damage.

ADMINISTRATION

Calgonate may be administered by subcutaneous or intravenous injection. When administered intravenously it is of utmost importance to inject the solution slowly as it has been reported that calcium ions, in some individual animals may have a depressant effect on the myocardium. It is also desirable to warm the Calgonate solution to body temperature before administration.

DOSAGE

Cows, Buffaloes	: 200 ml to 300 ml
Ewes, Doe and Sows	: 30 ml to 50 ml

PRESENTATION

Calgonate Injection is available in 450 ml pack.

Miphocal

(Calcium Borogluconate injection with Magnesium and Phosphorous)

BACK TO PRODUCT RANGE

DESCRIPTION

Calcium Borogluconate with Magnesium and Phosphorous is a solution of calcium borogluconate with phosphorous and magnesium in an organic combination and dextrose.

COMPOSITION

Calcium Gluconate I.P.(Equivalent to Calcium 1.86% w/v)	: 20.80% w/v
Boric Acid I.P.	: 4.25% w/v
Magnesium Hypophosphite	: 5.0 % w/v
Anhydrous Dextrose I.P.	: 20.0 % w/v
Chlorocresol I.P. (as preservative)	: 0.1 % w/v
Water for Injection I.P.	: q.s.

INDICATIONS

Miphocal is recommended for the treatment of milk fever due to hypocalcaemia or when it is associated with hypomagnesaemia and hypophosphataemia.

ADMININSTRATION

Miphocal may be administered by subcutaneous route. Being a hypertonic solution, may occasionally produce temporary local tissue swelling.

It is suggested that before intravenous administration the solution should be warmed to body temperature.

Calcium and Magnesium ions if injected rapidly may cause coronary depression and hence it is advisable to administer this preparation slowly and also with a few interruptions.

DOSAGE

Cows, buffaloes	: 200 ml to 300 ml
Ewes, doe and sows	: 30 ml to 50 ml

PRESENTATION

Miphocal is available in multidose Bottles of 450 ml.

Bovoplex-C.C.

(Vitamin B complex with Liver Extract & Choline Chloride)

BACK TO PRODUCT RANGE

DESCRIPTION

A dark brown injectable solution containing B complex, Vitamins, Liver Extract and Choline Chloride.

COMPOSITION

Each ml contains

Thiamine hydrochloride	I.P.	25 mg
Riboflavin Phosphate Sodium	I.P.	1.5 mg
Vitamin B6	I.P.	5.0 mg
Niacinamide	I.P.	50 mg
Cyanocobalamine	I.P.	50 mcg.
Choline Chloride	I.P.	25 mg
Phenol (as Preservative)	I.P.	0.5% w/v
Liver inj. crude having B12 activity of not less than 2 mcg. Of Cyanocobalamine.		

INDICATIONS

Primarily as supportive therapy in conditions leading to liver Dysfunction viz. liver fluke infestation, fatty degeneration of liver, in the treatment of anorexia and B complex Vitamin deficiency conditions.

ADMINISTRATION

Bovoplex - CC injection should be administered by deep intramuscular route only.

DOSAGE

Cattle, buffaloes and horses : 10 ml daily
Calves, sheep, goats and pigs : 5 ml daily
Dogs and cats : 2 to 5 ml daily
The treatment should be given for a minimum of 3 days.

STORAGE

Store in a cool and dark place.

PACK

Bovoplex - CC injection is available in 30 ml vials.

Xylaxin

(Xylazine Hydrochloride Injection)

BACK TO PRODUCT RANGE

COMPOSITION

Xylaxin injection (2% Solution) contains Xylazine Hydrochloride 23.22 mg per ml.

INDICATIONS

Xylaxin injection is recommended for inducing sedation and analgesia in various animals, for restraining of animals for routine observations, minor surgical interventions, immobilization of animals during transportation and transhipment or any similar functions. It can also be used as a preanaesthetic to general anaesthesia.

ADMINISTRATION

By intramuscular route. For horses intravenous.

Species	Dose in mg.per Kg. Body weight	Dose per average adult
Cattle	0.1 to 0.2	1.5 to 3.0 ml
Horses	1.0 to 2.0	25.0 to 50.0 ml
Dogs	1.0 to 2.0	0.75 to 1.5 ml
Cats	1.0 to 2.0	0.1 to 0.5 ml
Sheep	0.1 to 0.3	0.1 to 0.5 ml
Goats	0.05 to 0.5	0.1 to 0.75 ml
Camels	0.1 to 0.5	5.0 to 20.0 ml
Wild Deers	1.5 to 3.0	2.50 to 4.5 ml
Elephants	0.1 to 0.4	5.0 to 20.0 ml

CONTRA-INDIACATIONS

Xylaxin should not be used in conjunction with tranquilizers or neuroleptic drugs. Animals in the last term of pregnancy should not be given the drug as it may induce early parturition or abortion. Cats and dogs with oesophageal obstruction, intestinal torsion or hernia as well as animals with pulmonary disorders should not be injected with Xylaxin.

PRECAUTIONS

After administration of Xylaxin the animal should be left undisturbed as excitement may reduce the level of sedation. Accidental falls and injury to be avoided during the induction of sedation by keeping the animal under observation after the onset of sedation. Caution is required while administering the drug in weak and debilitated animals.

SIDE EFFECTS

Xylaxin is well tolerated in most animals without any side effects. A brief rise in blood pressure may occur which gradually becomes normal. Sweating and urination in horses, liquid and soft faeces in cattle, emesis in cats and dogs are some of the effects. The drug is rapidly excreted from the body.

ANTIDOTE

Yohimbine hydrochloride and 4-amino pyridine are the antidotes for Xylaxin.

PRESENTATION

Xylaxin is available in 30 ml. Vials.