ANIMAL HEALTH IS IMPORTANT
CORRECT CHOICE IS MORE IMPORTANT

vilsan
pharmaceuticals

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creating confidence by combining technology with quality in a bottle
Vilsan Veterinary Pharmaceuticals was established in 1986 in Turkey and quickly became a world renowned Company. Today, Vilsan competes in the international veterinary pharmaceuticals sector as the largest local manufacturer in terms of sales volume.

With a state-of-the-art production facility, Vilsan’s product portfolio entails more than 120 various injectable solutions, suspensions and emulsions, oral solutions, powder and suspensions, oral and intrauterine tablets, intramammary suspensions and pomades, injectable perfusions solutions and disinfectant solutions.

In 2015, Vilsan invested in the upgrading and modernization of its 5,000 m² production facility, which is EU GMP certified and complies with other various international standards, to exceed its commitments of offering the highest level of quality.

Coupled with superior technology and a large production capacity supported by a skilled and experience professional team, Vilsan continues to capture significant market share throughout the Middle East, North Africa, Eastern Europe, Caucasia, Central Asia, Far East Asia, and South America. With a management team dedicated to further the Company’s international presence, Vilsan will continue to expand upon the current product portfolio of veterinary pharmaceuticals used in a wide array of indications for a vast number of animal species. While complying with the highest level of standards and quality, Vilsan will continue to meet the demands of both the domestic and international markets by developing new and contemporary products to be supplied in various dosages and packaging forms.
We CARE
as much as you do

Sheep and goat pox can be prevented...
Vaccivil SGP
Lyophilized sheep and goat pox vaccine

Description:
Vaccivil SGP is a live, attenuated and freeze-dried vaccine prepared in lamb kidney cell culture against sheep and goat pox.

Indications:
Active immunization against sheep and goat pox.

Composition per dose:
Attenuated SPV (Bk) : $10^{25}$ TCID$_{50}$

Target Species:
Sheep and goats

Dosage and Administration:
Vaccivil SGP is administered by the subcutaneous route. The dose is 0.2 ml for lambs and kids between 6 and 12 weeks of age and 0.5 ml for animals older than 12 weeks. Annual revaccination is recommended for two years in regions where the disease is endemic.

Packing:
Vials of 50, 100 and 200 doses with its corresponding diluent.

Storage:
Store vaccine between $+2^\circ$ C and $+8^\circ$ C. Protect from light. Do not freeze.

Conditions for Disposal:
All used bottles should be disposed of in accordance with local requirements of Medicinal Wastes Control Legislation.
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...and PPR is under control
**VACCIVIL PPR**

**Live PPR vaccine**

**Description:**
Vaccivil PPR is a live attenuated lyophilized vaccine produced in Vero cell culture against Peste des Petite Ruminants [PPR].

**Indications:**
Active immunization against PPR

**Composition per dose:**
Attenuated PPRV 75/1 : $10^3$ TCID$_{50}$

**Target Species:**
Sheep and goats

**Dosage and Administration:**
Vaccivil PPR is administered to sheep and goats of all ages including pregnant animals safely by the subcutaneous route at the dose of 1 ml per animal. Protective immunity occurs 21 days after vaccination. Adults should be vaccinated one year later. Lambs and kids born from vaccinated animals might be vaccinated when they are 4 to 6 months old and their booster vaccination should be applied 3-6 months later.

**Packing:**
Vials of 50, 100 and 200 doses with its corresponding diluent.

**Storage:**
Store vaccine between +2°C and +8°C. Protect from light. Do not freeze.

**Conditions for Disposal:**
All used bottles should be disposed of in accordance with local requirements of Medicinal Wastes Control Legislation.
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The Correct Choice...
Description:
Theilevil is a live attenuated vaccine against Theileria annulata infection of cattle prepared from lymphoid cell cultures infected with Theileria annulata macroschizonts.

Indications:
Active immunization against tropical theileriosis of cattle

Composition per dose:
Lymphoid cells infected by Theileria annulata schizonts: $1 \times 10^7$
DMSO: 1.4%

Target Species:
Cattle over 3 months old

Dosage and Administration:
Theilevil is applied to cattle older than 3 months by subcutaneously at the dose of 2.5 ml per animal. Protective immunity occurs 45 days after vaccination. It is strongly recommended that the vaccine be applied at least two months before the onset of the disease season which generally varies on the climatic conditions of the region.

Packing:
Vials of 5 doses injectable lymphoid cell suspension with 10 ml of vaccine diluent.

Storage:
Vaccine vials are stored and delivered in liquid nitrogen tanks.

Conditions for Disposal:
All used bottles should be disposed of in accordance with local requirements of Medicinal Wastes Control Legislation.
Are your docile sheep, cute lambs, stubborn goats, naughty kids, idle calves and smart cattle ready for a happy family portrait?
ENTEROVIL 7
A combined Enterotoxemia, Dysentery, Infectious necrotic hepatitis, Braxy, Malignant oedema, Blackleg, Bacillary Hemoglobinuria or Red Water Vaccine

Description:
Enterovil 7 is a heptavalent concentrated toxoid vaccine composed of formaldehyde-inactivated vaccine strain cultures of Cl. perfringens type B, Cl. perfringens type C, Cl. perfringens type D, Cl. oedematiens type A, Cl. septicum, Cl. chauvoei, Cl. haemolyticum which are mixed with adjuvant Montanide ISA 206.

Indications:
Enterovil 7 is used for the protection of sheep, goats and cattle against enterotoxemia, dysentery, infectious necrotic hepatitis, blackleg, malignant edema, gaseous gangrene and bacillary hemoglobinuria.

Contraindications:
Enterovil 7 should not be used in infected animals and animals in the incubation period.

Composition per dose:
Cl. perfringens type B and C, β toxoid : >10IU/ml antitoxin
Cl. perfringens type D, ε toxoid : 5 IU/ml antitoxin
Cl. oedematiens type A, α toxoid : 3.5 IU/ml antitoxin
Cl. septicum, α toxoid : 2.5 IU/ml antitoxin
Cl. chauvoei toxoid : 100 % protection in guinea pigs
Cl. haemolyticum (9CFR) toxoid : 75 % protection in guinea pigs

Target Species:
Cattle, calves, sheep and goats, lambs and kids

Dosage and Administration:
Sheep, goat and lamb, kids are vaccinated subcutaneously in the under arm with 2ml and 1ml, respectively. Cattles and calves are subcutaneously vaccinated with 4 ml and 2 ml vaccine in the back of the neck, respectively. Booster vaccination is applied 21 days later. Periodic annual revaccination is recommended.

Packing:
Vials of 20 ml (10 doses), 50 ml (25 doses) and 250 ml (125 doses)

Storage:
Store vaccine between +2° C and +8° C. Protect from light. Do not freeze.

Conditions for Disposal:
All used bottles should be disposed of in accordance with local requirements of Medicinal Wastes Control Legislation.
Are your docile sheep, cute lambs, stubborn goats, naughty kids, idle calves and smart cattle ready for a happy family portrait?

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ENTEROVOIL 7 GEL
A combined Enterotoxemia, Dysentery, Infectious necrotic hepatitis, Braxy, Malignant oedema, Blackleg, Bacillary Hemoglobinuria or Red Water Vaccine

Description:
Enterovil 7 Gel is a heptavalent concentrated toxoid vaccine composed of formaldehyde-inactivated vaccine strain cultures of Cl. perfringens type B, Cl. perfringens type C, Cl. perfringens type D, Cl. oedematiens type A, Cl. septicum, Cl. chauvoei, Cl. haemolyticum which are mixed with adjuvant Aluminium Hydroxide.

Indications:
Enterovil 7 Gel is used for the protection of sheep, goats and cattle against enterotoxemia, dysentery, infectious necrotic hepatitis, blackleg, malignant edema, gaseous gangrene and bacillary hemoglobinuria.

Contraindications:
Enterovil 7 Gel should not be used in infected animals and animals in the incubation period.

Composition per dose:
Cl perfringens type B and C, β toxoid : >10 IU/ml antitoxin
Cl perfringens type D, ε toxoid : 5 IU/ml antitoxin
Cl. oedematiens type A, α toxoid : 3.5 IU/ml antitoxin
Cl. septicum, α toxoid : 2.5 IU/ml antitoxin
Cl. chauvoei toxoid : 100 % protection in guinea pigs
Cl. haemolyticum (9CFR) toxoid : 75 % protection in guinea pigs

Target Species:
Cattle, calves, sheep and goats, lambs and kids

Dosage and Administration:
Sheep, goat and lamb, kids are vaccinated subcutaneously in the under arm with 2ml and 1ml, respectively. Cattles and calves are subcutaneously vaccinated with 4 ml and 2ml vaccine in the back of the neck, respectively. Booster vaccination is applied 21 days later.
Periodic annual revaccination is recommended.

Packing:
Vials of 20 ml (10 doses), 50 ml (25 doses) and 250 ml (125 doses)

Storage:
Store vaccine between +2° C and +8° C. Protect from light. Do not freeze.

Conditions for Disposal:
All used bottles should be disposed of in accordance with local requirements of Medicinal Wastes Control Legislation.
Did you know that you can have healthy lamb and kids in your flock with one drop of B. melitensis Rev. 1 vaccine?
**Description:**
Vilitensis Conjunctival is a conjunctival live attenuated lyophilized Brucella melitensis Rev. 1 vaccine against sheep and goat brucellosis.

**Indications:**
Active immunization against ovine and caprine brucellosis

**Contraindications:**
Pregnant animals should not be vaccinated

**Composition per dose:**
- Brucella melitensis Rev.1 : 0.5 to 2X10⁹ CFU
- Patent blue V (for diluent) : 0.01%

**Target Species:**
Cattle, calves, sheep and goats, lambs and kids

**Dosage and Administration:**
Vilitensis Conjuctival is applied to sheep and goats older than three months by conjunctivally one drop (50 µl) per animal

**Packing:**
Packs containing 25,50 and 100 doses of freeze-dried vaccine vials with its corresponding diluents and calibrated droppers

**Storage:**
Store vaccine between +2°C and +8°C. Protect from light. Do not freeze.

**Conditions for Disposal:**
All used bottles should be disposed of in accordance with local requirements of Medicinal Wastes Control Legislation.
Save lives with just one drop of Brucella abortus S 19 vaccine...
VILABORT CONJUNCTIVAL
Brucella abortus S 19 eye drop vaccine

Description:
Vilabort Conjunctival is a conjunctival live attenuated lyophilized Brucella abortus S 19 vaccine against bovine brucellosis.

Indications:
Active immunization against bovine brucellosis

Contraindications:
Pregnant animals should not be vaccinated

Composition per dose:
Brucella abortus S 19 : 5 to 10 x 10^9 CFU
Patent blue V (for diluent) : 0.01%

Target Species:
Female cattles

Dosage and Administration:
Vilabort Conjunctival is applied to female cattle older than 3 months by conjunctivally one drop (50 µl) per animal

Storage:
Store vaccine between +2°C and +8°C. Protect from light. Do not freeze.

Packing:
Packs containing 25 and 50 doses of the freeze-dried vaccine vials with its corresponding diluents and calibrated droppers.

Conditions for Disposal:
All used bottles should be disposed of in accordance with local requirements of Medicinal Wastes Control Legislation.
Healthy births on time

We CARE as much as you do
VILITENSIS
Brucella melitensis Rev. 1 vaccine

Description:
Vilitensis is a live attenuated freeze-dried Brucella melitensis Rev. 1 vaccine against sheep and goat brucellosis.

Indications:
Active immunization against ovine and caprine brucellosis

Contraindications:
Adult animals should not be vaccinated

Composition per dose:
Brucella melitensis Rev. 1 : 0.5-4 x 10⁹ CFU/dose

Target Species:
Lambs and kids

Dosage and Administration:
Vilitensis is applied 1 ml subcutaneously to female and male lambs and kids aged between 4-6 months.

Storage:
Store vaccine between +2⁰ C and +8⁰ C. Protect from light. Do not freeze.

All used bottles should be disposed of in accordance with local requirements of Medicinal Wastes Control Legislation.

Packing:
Packs containing 50, 100 and 200 doses of the freeze-dried vaccine vials with its corresponding diluents.
Healthy birth on time

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VILABORT
Brucella abortus S 19 vaccine

Description:
Vilabort is a live attenuated freeze-dried Brucella abortus S 19 vaccine against bovine brucellosis.

Indications:
Active immunization against bovine brucellosis

Contraindications:
Adult and male animals should not be vaccinated

Composition per dose:
Brucella abortus S 19 : 40-120 x 10⁹ CFU/dose

Target Species:
Female calves aged between 3-6 months

Dosage and Administration:
Vilabort is applied 1 ml subcutaneously to female calves aged between 3-6 months

Storage:
Store vaccine between +2°C and +8°C. Protect from light. Do not freeze.

Packing:
Packs containing 5 and 10 doses of the freeze-dried vaccine vials with its corresponding diluents.

Conditions for Disposal:
All used bottles should be disposed of in accordance with local requirements of Medicinal Wastes Control Legislation.
Healthy births on time

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VILITENSIS ADULT
Reduced dose Brucella melitensis Rev. 1 vaccine for adult sheep and goats

Description:
Vilitensis Adult is a live attenuated freeze-dried Brucella melitensis Rev. 1 vaccine against sheep and goat brucellosis.

Indications:
It is used for prophylactic vaccination of sheep and goats against brucellosis.

Contraindications:
Pregnant animals and adult males should not be vaccinated

Composition per dose:
Brucella melitensis Rev.1 : 1-2 x 10^5 CFU/dose

Target Species:
Female sheep and goats older than 8 months

Dosage and Administration:
Vilitensis Adult is applied 1 ml subcutaneously behind the scapulae to female sheep and goats older than 8 months. In endemic areas the vaccine might be administered two times for 12 months interval in order to establish long lasting immunity.

Packing:
Packs containing 50, 100 and 200 doses of the freeze-dried vaccine vials with its corresponding diluents.

Storage:
Store vaccine between +2° C and +8° C. Protect from light. Do not freeze.

Conditions for Disposal:
All used bottles should be disposed of in accordance with local requirements of Medicinal Wastes Control Legislation.
Healthy births on time

We CARE
as much as you do
VILABORT ADULT
Reduced dose Brucella abortus S 19 vaccine for adult female cattle

Description:
Vilabort Adult is a live attenuated freeze-dried Brucella abortus S 19 vaccine against bovine brucellosis.

Indications:
It is used for prophylactic vaccination against bovine brucellosis.

Contraindications:
Pregnant animals and males should not be vaccinated

Composition per dose:
Brucella abortus S 19 : 1-3 x10⁹ CFU/dose

Target Species:
Female cattle older than 6 months

Dosage and Administration:
Vilabort Adult is applied 1 ml subcutaneously to female cattle older than 6 months. In endemic areas the vaccine might be administered two times for 24 months interval in order to establish long lasting immunity.

Packing:
Packs containing 25 and 50 doses of the freeze-dried vaccine vials with its corresponding diluents.

Storage:
Store vaccine between +2 °C and +8 °C. Protect from light. Do not freeze.

Conditions for Disposal:
All used bottles should be disposed of in accordance with local requirements of Medicinal Wastes Control Legislation.
VIP protection...

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**ENTEROVIL 5**
Inactivated combined enterotoxemia, Infectious necrotic hepatitis and Black leg vaccine

**Description:**
Enterovil 5 is a concentrated tetravalent toxoid vaccine consist of CI. perfringens type C, CI. perfringens type D, CI. oedematiens type A and CI. chauvoei strains which are inactivated by formaline and adsorbed onto aluminium hydroxide.

**Indications:**
Enterovil 5 is used as an aid in the prevention of enterotoxemia, infectious necrotic hepatitis and black leg.

**Contraindications:** Infected animals and animals in the incubation period should not be vaccinated

**Composition per dose:**
- CI. perfringens type C, β toxoid : >10 IU/ml antitoxin
- CI. perfringens type B and D, ε toxoid : >10 IU/ml antitoxin
- CI. oedematiens type A, α toxoid : >10 IU/ml antitoxin
- Protection against CI. chauvoei in guinea pigs: %100

**Target Species:**
Cattle, sheep and goats, lamps and kids.

**Dosage and Administration:**
Dose recommended as a guideline

<table>
<thead>
<tr>
<th>Animal species</th>
<th>Administration route</th>
<th>1st vaccination</th>
<th>2nd vaccination [21 Days later]</th>
<th>3rd vaccination [6 Months later]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sheep/Goats</td>
<td>SC</td>
<td>1.5 ml</td>
<td>1 ml</td>
<td>1.5 ml</td>
</tr>
<tr>
<td>Lambs/Kids</td>
<td>SC</td>
<td>1 ml</td>
<td>0.5 ml</td>
<td>1 ml</td>
</tr>
<tr>
<td>Cattle [enterotoxemia+black leg]</td>
<td>SC</td>
<td>3 ml</td>
<td>2 ml</td>
<td>3 ml</td>
</tr>
<tr>
<td>Calves [enterotoxemia+black leg]</td>
<td>SC</td>
<td>1.5 ml</td>
<td>1 ml</td>
<td>1.5 ml</td>
</tr>
<tr>
<td>Cattle [black leg]</td>
<td>SC</td>
<td>3 ml</td>
<td>1 year later 3 ml</td>
<td></td>
</tr>
</tbody>
</table>

**Storage:**
Store in a cool place (2 ºC – 8 ºC). Protect from light. Do not freeze.

**Packing:**
50 ml, 100 ml and 250 ml in glass bottles

**Conditions for Disposal:**
All used bottles should be disposed of in accordance with local requirements of Medicinal Wastes Control Legislation.

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Maximum protection...

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**ENTEROVIL**

Bivalent Enterotoxemia Vaccine

**Description:**
Entrovil is a bivalent toxoid vaccine consist of Cl. perfringens type C and Cl. perfringens type D strains which are inactivated by formaline and adsorbed onto aluminium hydroxide.

**Indications:**
Enterovil is used for the active immunisation of sheep and goats against enterotoxemia (struck, pulpy kidney and lamb dysentery)

**Contraindications:**
Infected animals and animals in the incubation period should not be vaccinated

**Composition per dose:**
Minimum antitoxin values obtained in blood sera of rabbits per vaccine dose. Cl perfringens type C, β toxoid : 10 IU antitoxin/ml rabbit serum Cl perfringens type D, ε toxoid : 10 IU antitoxin/ml rabbit serum

**Target Species:**
Sheep and goats, lambs and kids

**Dosage and Administration:**
Enterovil should be given by subcutaneously behind the scapulae. All sheep and goats from 3 weeks of ages and those which have not previously been vaccinated should be administered twice by an interval of 21 days and the vaccination should be completed before the risky period.

<table>
<thead>
<tr>
<th>Animal</th>
<th>Administration route</th>
<th>1st vaccination</th>
<th>2nd vaccination (21 Days later)</th>
<th>3rd vaccination (6 Months later)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sheep and goats</td>
<td>SC</td>
<td>1 ml</td>
<td>0.5 ml</td>
<td>1 ml</td>
</tr>
<tr>
<td>Lambs and kids</td>
<td>SC</td>
<td>0.5 ml</td>
<td>0.5 ml</td>
<td>1 ml</td>
</tr>
</tbody>
</table>

**Storage:**
Store in a cool place [2 ºC – 8 ºC]. Protect from light. Do not freeze.
For strong beginnings...

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IMUNOVIL
Septicemia serum of calves

Description:

Indications:
Imunovil is indicated for use in newborn calves as an aid in the prevention and therapy of the disease.

Composition per dose:
Specific antibodies for E.coli EC strain [0101:H-K99+F41+] and E.coli 11A strain [0?:H-K99+, F[Y]+] and Phenol 0.4%

Target Species:
Newborn calves

Dosage and Administration:
Prophylactic dose: 5 ml of Imunovil is given subcutaneously to newborn calves

Curative dose: 10 ml of Imunovil is administered subcutaneously or intramuscular when symptoms are first observed.

Packing:
Vials of 5 ml, 10 ml and 50 ml

Storage:
Store in a cool place (2 °C – 8 °C). Protect from light. Do not freeze.

Conditions for Disposal:
All used bottles should be disposed of in accordance with local requirements of Medicinal Wastes Control Legislation.
The road to efficient husbandry in getting healthy milk ...

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SAGAVIL-OIL
Inactivated oil emulsion agalactia vaccine

Description:
Sagavil-oil is an oil emulsion inactivated vaccine consist of Mycoplasma agalactiae strain which is mixed with adjuvant Montanide ISA 206.

Indications:
Sagavil-oil is recommended for use in sheep and goats to help prevent mastitis, arthritis, keratoconjunctivitis caused by Mycoplasma

Composition per dose:
99M-AIK Mycoplasma agalactiae strain (inactivated) : >10⁹ CFU
Formaldehyde (%37) : 0,50µl
Montanide ISA 206 : 0,5 ml
Phenol : 3 µl

Target Species:
Sheep and goats

Dosage and Administration:
Sagavil-oil is administered to sheep and goats 1 ml subcutaneously behind the scapulae. Animals are revaccinated 1 year later by same dose and route.

Packing:
50 ml and 100 ml in glass bottles

Storage:
Store in a cool place (2 °C – 8 °C). Protect from light. Do not freeze.

Conditions for Disposal:
All used bottles should be disposed of in accordance with local requirements of Medicinal Wastes Control Legislation.
No decrease in milk production

We CARE as much as you do
SAGAVIL
Freeze-dried agalactia vaccine

**Description:**
Sagavil is a freeze-dried vaccine prepared by live attenuated AIK Mycoplasma agalactiae strain

**Indications:**
Sagavil is recommended for use in sheep and goats to help prevent mastitis, arthritis, keratoconjunctivitis caused by Mycoplasma agalactiae.

**Composition per dose:**
AIK Mycoplasma agalactiae strain : 2,5x10⁵ CFU/dose

**Target Species:**
Sheep and goats

**Dosage and Administration:**
Sheep and goats should be vaccinated 1 ml subcutaneously behind the scapulae. Animals are revaccinated 1 year later by same dose and route.

**Packing:**
Vials of 50 and 100 doses with its corresponding diluents in glass bottles of 50 ml and 100 ml.

**Storage:**
Store in a cool place (2 °C – 8 °C). Protect from light. Do not freeze.

**Destruction Conditions:**
All used bottles should be disposed of in accordance with local requirements of Medicinal Wastes Control Legislation.
Which one of us is more stubborn?

We CARE as much as you do
**CAPRIVIL**
Freeze-dried contagious caprine pleuropneumonia vaccine

**Description:**
Caprivil is a freeze-dried vaccine prepared by attenuated BQT mycoplasma mycoides capri strain

**Indications:**
Contagious caprine pleuropneumonia is a disease with high morbidity (80-100%) and mortality (over 80%) rates. Since it is highly contagious and the treatment is very difficult, vaccination against the disease is almost the only solution for the disease control.

**Composition per dose:**
Attenuated BQT mycoplasma mycoides capri strain. → 2,5x10⁶ CFU

**Target Species:**
Goats

**Dosage and Administration:**
Caprivil is administered by the subcutaneous route to the outer surface of the ear. The dose is 0.2 ml. Booster vaccination is applied 6 months later by the same dose and route.

**Storage:**
Store in a cool place (2 °C – 8 °C). Protect from light. Do not freeze.

**Packing:**
Vials of 50 ml and 100 doses with its corresponding diluents in glass bottles of 10 ml and 20 ml.

**Conditions of Disposal:**
All used bottles should be disposed of in accordance with local requirements of Medicinal Wastes Control Legislation.
No entry for Botulism...
BOVAXVIL
Botulism Vaccine

Description:
Bovaxvil is a concentrated bivalent vaccine containing Cl. botulinum type C and Cl. botulinum type D which are inactivated by formaline and adsorbed onto aluminium hydroxide.

Indications:
Botulism is a severe and fatal disease of cattle. The mortality rate might reach to 90-95% in uncontrolled conditions. The treatment is unsuccessful and the vaccination is the only practical way to prevent botulism. Bovaxvil is used for providing active long lasting immunity against botulism.

Composition per dose:
Cl botulinum type C toxoid: 80% protection in vaccinated mice
Cl botulinum type D toxoid: 80% protection in vaccinated mice
Aluminium hydroxide gel: 15 ml
Formaline (37%): 0.8 ml
Phenol: 0.32 gr

Target Species:
Cattle, horses, sheep and goats

Dosage and Administration:
Cattle and horses: Administer 2 ml behind the scapulae by subcutaneous route.
Sheep and goats:
Administer 1 ml under arm by subcutaneous way. Revaccinate animals 14 days after the first inoculation. If immunity wants to be reinforced, Bovaxvil should be administered in every year according to the stated vaccination programme. In endemic areas booster vaccination should be applied six months later.

Packing:
25 ml, 50 ml and 100 ml in glass bottles

Storage:
Store in a cool place (2 ºC – 8 ºC). Do not freeze. Protect from light.

Conditions for Disposal:
All used bottles should be disposed of in accordance with local requirements of Medicinal Wastes Control Legislation.
No resistance should be expected in newborn calves against E.coli infections born to unvaccinated dams...
**Conditions for Disposal:**

All used bottles should be disposed of in accordance with local requirements of Medicinal Wastes Control Legislation.

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**Packing:**

Vials of 5, 10, 25 and 50 doses with its corresponding diluents in glass bottles.

**Storage:**

Store in a cool place [2 °C – 8 °C]. Protect from light. Do not freeze.

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**Description:**

Ecovil is an oil adjuvanted inactive vaccine used in pregnant cattle in order to protect newborn calves against E.coli infections.

**Indications:**

The disease is caused by enterotoxigenic E.coli serotypes and it can be extremely fatal in newborn calves. The disease creates significant economical losses and it is seen worldwide. In pathogenesis of the disease, fimbrial antigens and enterotoxins of E.coli play an important role. K99 and F41 antigens are commonly found in this type enterotoxigenic E.coli. Ecovil comprises all these antigenic components [EC (O101:HK99+F41+) and 11A (O?:H-K99+, F(Y)+)] that play in the pathogenesis of the disease.

**Composition per dose:**

<table>
<thead>
<tr>
<th>Component</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>E.coli EC (O101: H-K99+F41+) strain</td>
<td>1x10¹⁰CFU</td>
</tr>
<tr>
<td>E.coli 11A (O?:H-K99+, F(Y)+) strain</td>
<td>1x10¹⁰CFU</td>
</tr>
<tr>
<td>Oil adjuvant</td>
<td>1 ml</td>
</tr>
<tr>
<td>Formaldehyde (37%)</td>
<td>2 ul</td>
</tr>
</tbody>
</table>

**Target Species:**

Pregnant cattles

**Dosage and Administration:**

Ecovil is administered to pregnant cattle 2 ml by subcutaneous route twice. There should be 3-4 weeks interval between two vaccinations and last vaccination should be administered minimum 3 weeks before calving.
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Blackleg should not exist anymore...
BLEGVIL
Blackleg Vaccine

Description:
Blegvil is a monovalent toxoid vaccine containing Cl. chauvoei strain which is inactivated by formaline. It also contains aluminium hydroxide as an adjuvant.

Indications:
Blegvil is used to stimulate active immunity against Blackleg (Clostridium chauvoei infection) in cattle and sheep. Treatment is neither economic nor successful and the vaccination is the only solution for control of the disease. Vaccination should be administered 3 to 4 weeks before risky period.

Composition per dose:
Cl.chauvoei no 20 Pendik strain toxoid: 100% protection in guinea pigs
Formaline : 3.2 mg
Phenol : 6.0 µl

Dosage and Administration:
Dose recommended as a guideline

<table>
<thead>
<tr>
<th>Animal Species</th>
<th>Administration Route</th>
<th>Vaccination dose and vaccination period</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>First vaccination</td>
</tr>
<tr>
<td>Cattle</td>
<td>SC</td>
<td>2 ml</td>
</tr>
<tr>
<td>Calves</td>
<td>SC</td>
<td>1 ml</td>
</tr>
<tr>
<td>Sheep and goats</td>
<td>SC</td>
<td>1 ml</td>
</tr>
<tr>
<td>Lambs and kids</td>
<td>SC</td>
<td>0.5 ml</td>
</tr>
</tbody>
</table>

Storage:
Store in a cool place (2 ºC – 8 ºC). Protect from light. Do not freeze.

Packing:
10 ml, 20 ml, 50 ml and 100 ml in glass bottles

Conditions for Disposal:
All used bottles should be disposed of in accordance with local requirements of Medicinal Wastes Control Legislation.
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Conditions for Disposal:

All used bottles should be disposed of in accordance with local requirements of Medicinal Wastes Control Legislation.

Packing:

2.5 ml, 5 ml and 10 ml of antigen in glass bottles with calibrated droppers (40 µl), test plate and stirring stick.

Storage:

Store antigen between +2°C and +8°C. Protect from light. Do not freeze.

Description:

Ros-BenVil Test is a killed standardised suspension of Brucella abortus S 99 strain stained by rose Bengal dye.

Indications and Contraindications:

It is used for serologic diagnosis of brucellosis by detecting Immunoglobulins induced by smooth Brucella species (B. abortus, B. melitensis and B. suis) in blood serum of humans and animals. False positive reactions may be observed due to nonspecific reactions (like natural antibodies) or cross reacted antibodies generated by vaccine strains or unrelated bacterial species like Y. enterocolitica O9, Salmonella spp. E.coli spp. Test antigen can not detect antibodies resulted from infection caused by rough brucella strains like B.canis, B.ovis, B.abortus RB51. As this is a screening test, all the positive samples by Ros-BenVil Test should also be tested for confirmation.

Composition per dose:

Inactivated B.abortus S 99 bacterial suspension: 8 %
Phenol : 0.45 %
Rose-Bengal : 0.03 %

Precautions:

Serum samples which are hemolyzed, contaminated with bacterial and chemical agents should not be tested because these factors might effect test performance. Care should be taken not to contact test antigen with eye and hand. Shake the antigen bottle well before use without making bubbles. For the test, a drop of antigen should be mixed with equal volume of serum samples and results should be evaluated according to the agglutination.
Good solution...

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Description:
Sat-A-Vil Test is a killed standardised bacterial suspension of Brucella abortus S 99 strain.

Indications and Contraindications:
It is used for serologic diagnosis of brucellosis by detecting specific Immunoglobulins induced by smooth Brucella species (B. abortus, B. melitensis and B. suis) in blood serum of humans and animals. False positive reactions may be observed due to nonspecific reactions [like natural antibodies] or cross reacted antibodies generated by vaccine strains or unrelated bacterial species like Y. enterocolitica O9, Salmonella spp. E.coli spp. Test antigen can not detect antibodies resulted from infection caused by rough brucella strains like B.canis, B.ovis, B.abortus Rb51.

Composition per dose:
Inactivated B. abortus S 99 bacterial suspension : 0.45% Phenol : 0.5 % Sodium chloride : 0.85%

Precautions:
Serum samples which are hemolyzed, contaminated with bacterial and chemical agents should not be tested because these factors might effect test performance. Care should be taken not to contact test antigen with eye and hand. Shake the antigen bottle well before use.

Storage:
Store antigen between +2 °C and +8 °C. Protect from light. Do not freeze.

Packing:
100 ml of antigen in glass bottles.

Destruction Conditions:
All used bottles should be disposed of in accordance with local requirements of Medicinal Wastes Control Legislation.
Quality, technology, and confidence in a bottle...

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TRICHOVIL
Freeze dried Trichophytosis vaccine

Description:
Trichovil is a live attenuated freeze dried vaccine against Trichophytosis (Ring-Worm) in cattle for protective and therapeutic purposes. A productive future with Trichovil

Indications:
Trichophytosis or Ring worm, is an infection of the superficial, keratinized structures of the skin and hair of animals and human.

Trichovil is used for the active immunization and treatment of bovine Trichophytosis.

Contraindications:
Vaccine should not be used in poor and neglected animals with high fever or low condition and herds with systemic infections.

Target Species: Cattle

Indications:
It is used for protective and therapeutic purposes to prevent and control trichophyton verrucosum in the cattle.

Dose and route of administration:
Administration and Dosage: Trichovil is administrated by intramuscular injection in the lumber or gluteal region. Prophylactic dose is 2 ml for calves and 4 ml for cattle older than 3 months.

Booster dose is applie

Packing:
Lyophilized vaccine is presented in lyophilized pellet in vials of 1, 2,5,10 and 20 doses with the corresponding diluent.

Storage:
Store vaccine between +2 °C and +8 °C. Protect from light. Do not freeze.