

ANTHRAX



CDVac Anthrax Vaccine

Vaccine for the prevention of Anthrax in cattle, horses, swine, goats and sheep.  
**Composition:** Each dose contains suspension of non-pathogenic, acapsulated *Bacillus anthracis* spores (strain Sterne), in a buffer solution with 50% glycerine with 0.05 g/l of saponin.  
**Dosage and route of administration:** Cattle: 2 ml; subcutaneous route. Sheep, equine, swine: 1 ml; subcutaneous route. Apply from 3 months old on. Withdrawal periods: 14 days.  
**Presentation:** Bottle containing 50 ml (25 doses for cattle and 50 doses for sheep, swine and equine), 125 ml (62 doses for cattle and 62 doses for sheep, swine and equine) and 250 ml (125 doses for cattle and 250 doses for sheep, swine and equine).  
**Certificate:** 00-102



RABIES



CDVac Rabies Vaccine

Vaccine for the prevention of Rabies in cattle, swine, sheep, horses, goats, canines and felines  
**Composition:** Inactivated suspension of rabies virus strain Pasteur strain, grown in BHK cells and with aluminum hydroxide as adjuvant.  
**Dosage and route of administration:** Cattle, sheep, goats, swine, and horses: 2 ml, intramuscular or subcutaneous route. Apply one dose (since 3 months of age) and revaccinate at 6 months of age. After initial sanitary plan, revaccinate annually or according to local regulations. Canines and Felines: 1 ml, in subcutaneous route. Vaccinate from 3 months old on. Revaccinate annually  
**Presentation:** Bottles containing 100 ml (50 doses) for cattle, sheep, goats, swine, and horses and 1 ml vial containing a single doses for canines and felines.  
**Certificate:** 08-003



FOOD-AND-MOUTH DISEASE



CDVac FMD Monovalent Vaccine

FMD case preventive treatment which affects cattle, sheep, goats and swine.  
**Composition:** Contain type O of the FMD virus in BHK cells, inactivated with BEI and adsorbed in mineral oil.  
**Dosage and route of administration:** 2 ml for cattle and pigs and 1ml for sheep and goats, deep. Apply intramuscular or subcutaneous tissue behind the shoulder blades or neck muscles. It provides immunity for six months on animals under six months old and prevaccinated and immunity for 12 months on revaccinate animals. Revaccinate every six months with one dose. Apply on cattle above three months old. Pregnant females can be vaccinated.  
**Presentation:** Bottles containing 100 ml (50 doses for cattle and swine 100 doses for sheep and goat) and 250 ml (125 doses for cattle and swine and 250 doses for sheep and goat).  
**Certificate:** 1067/E



CDVac FMD Bivalent Vaccine

FMD case preventive treatment which affects cattle, sheep, goats and swine.  
**Composition:** Contains types A and O of the FMD virus in BHK cells, inactivated with BEI, with oil adjuvant.  
**Dosage and route of administration:** Cattle and swine: 2 ml. Sheep and goat: 1ml. Apply intramuscular or subcutaneous tissue behind the shoulder blades or neck muscles. It provides immunity for six months on animals under six months old and prevaccinated and immunity for 12 months on revaccinate animals. Revaccinate every six months with one dose. Apply on cattle above three months old. Pregnant females can be vaccinated.  
**Presentation:** Bottles containing 100 ml (50 doses for cattle and swine 100 doses for sheep and goat) and 250 ml (125 doses for cattle and swine and 250 doses for sheep and goat).  
**Certificate:** 0639/E



CDVac FMD Trivalent Vaccine

FMD case preventive treatment which affects cattle, sheep, goats and swine.  
**Composition:** Contains types A and O of the FMD virus in BHK cells, inactivated with BEI, with oil adjuvant.  
**Dosage and route of administration:** Cattle and swine: 2 ml. Sheep and goat: 1ml. Apply intramuscular or subcutaneous tissue behind the shoulder blades or neck muscles. It provides immunity for six months on animals under six months old and prevaccinated and immunity for 12 months on revaccinate animals. Revaccinate every six months with one dose. Apply on cattle above three months old. Pregnant females can be vaccinated.  
**Presentation:** Bottles containing 100 ml (50 doses for cattle and swine 100 doses for sheep and goat) and 250 ml (125 doses for cattle and swine and 250 doses for sheep and goat).  
**Certificate:** 1065/E



DIAGNOSIS REAGENTS



PPD Bovine Tuberculin

Tuberculin is widespread used for Tuberculosis diagnosis and worldwide employed in National Plans for Control and Eradication of Tuberculosis.  
**Composition:** Purified Protein Derivate (PPD) of Inactivated *Mycobacterium bovis* strain AN 5, inactivated at a concentration of 1mg/ml. (Contains 32500 UI /ml)  
**Dosage and route of administration:** Apply 0.1 ml per animal by exclusively intradermal route. For professional use only.  
**Presentation:** Bottles containing 2ml, 5ml and 10 ml.  
**Certificate:** 99028



PPD Avian Tuberculin

Reagent used for the Tuberculosis Comparative Diagnosis in cattle, swine, goats, and sheep and for the Tuberculosis diagnosis in poultry as well.  
**Composition:** Purified Protein Derivate (PPD) of *Mycobacterium avium* strain D4 ER inactivated, at a protein concentration of 0.5 mg/ml (containing 25,000 UI/ml).  
**Dosage:** Cattle, swine, sheep and goats (0.1 ml); poultry (0.05 ml) by exclusively intradermal route. For professional use only.  
**Presentation:** Bottles containing 1ml, 2ml and 5 ml.  
**Certificate:** 14-085



BPA Buffered Antigen for Plate

Reagent used for the serological diagnosis of bovine and swine Brucellosis.  
**Composition:** Inactivated culture of *Brucella abortus* strain 1119-3, at a final 11 % final cell concentration.  
**Presentation:** Bottles containing 12 ml, allowing 396 reactions.  
**Certificate:** 01-302



Bengal Rose

Reagent used for fast serological plate test of Brucellosis in cattle, swine, horses, sheep, goats, and buffalos.  
**Composition:** Inactivated culture of *Brucella abortus* strain 1119-3 in buffer solution.  
**Presentation:** Bottles containing 5 ml and 10 ml.  
**Certificate:** 22-034



DIAGNOSIS AND VACCINES  
FOR ANIMAL HEALTH

VADEMECUM  
International Trade

CDV is an Argentinean laboratory with over more 40 years of history, specialized in development, production and commercialization of products and services far diagnosis and prevention of the main diseases which affect beef and sheep herd. CDV production plant is GMP certified by SENASA, with a productive capacity of more 70 million vaccine doses far ruminants.

FMD Vaccine Production Plant has a productive capacity of more 60 million vaccine doses destined for national and regional markets. Through its Diagnostic Service, its complete line of products oriented to prevention, and working together with veterinarians and healthcare institutions, a unique synergy is achieved to contribute to livestock production increase.

## KERATOCONJUNCTIVITIS COMPLEX



### CDVac Kerato Plus Vaccine

Vaccine for the prevention of respiratory, nervous and ocular conditions produced by IBR, BVD/MD and BHV5 viruses, and by associated bacteria in cattle.  
**Composition:** Inactivated cultures of infectious Bovine Rhinotracheitis Virus (IBR), Bovine Viral Diarrhea/Mucosal Disease (BVD/MD), calves infectious encephalitis (BHV5) and bacterins of *Moraxella bovis* and *Moraxella ovis* (*Branhamella ovis*), isolated from clinical cases, with aluminum hydroxide as adjuvant.

**Dosage and route of administration:** Cattle: 5 ml; subcutaneous route. Animals (since 2 months of age): apply two doses with an interval of 20 - 30 days. Young and adult animals vaccinated previously: vaccinate with one dose annually or according to professional criterion. Pregnant females: vaccine can be used during gestation period.

**Presentation:** Bottle containing 250 ml (50 doses for cattle).

**Certificate:** 15-029



## RESPIRATORY COMPLEX



### CDVac Feedlot Plus Vaccine

Vaccine for the prevention of respiratory, nervous and ocular symptoms caused by IBR, BVD/MD, PI3, BHV5 and BRSV viruses, and by associated bacteria in cattle.

**Composition:** Inactivated cultures of infectious Bovine Rhinotracheitis Virus (IBR), Bovine Viral Diarrhea/Mucosal Disease (BVD/MD), calves infectious encephalitis (BHV5), Bovine Parainflueza-3 virus (PI3) and Bovine Respiratory Syncytial Virus (BRSV), and bacterins of *Mannheimia haemolytica*, *Pasteurella multocida*, *Moraxella bovis*, *Moraxella ovis* (*Branhamella ovis*) and *Histophilus somni* (*Haemophilus somnus*), isolated from clinical cases, with aluminum hydroxide as adjuvant.

**Dosage and route of administration:** Cattle 5 ml; subcutaneous route. Animals (since 2 months of age): apply two doses with an interval of 20 – 30 days. Young and adult animals vaccinated previously: vaccinate with one dose annually or according to professional criterion.

**Presentation:** Bottle containing 250 ml (50 doses for cattle).

**Certificate:** 14-129



### CDVac Respiratory Vaccine

Vaccine for the prevention of respiratory symptoms caused by IBR, BVD/MD, PI3 and BRSV viruses and associated bacteria.

**Composition:** Inactivated cultures of infectious Bovine Rhinotracheitis Virus (IBR), Bovine Viral Diarrhea/Mucosal Disease (BVD/MD), Bovine Parainflueza-3 virus (PI3) and Bovine Respiratory Syncytial Virus (BRSV) and bacterins of *Pasteurella multocida*, *Mannheimia haemolytica* (*Pasteurella haemolytica*), and strains isolated from clinical cases, with oil adjuvant in double emulsion.

**Dosage and route of administration:** Cattle: 5 ml; subcutaneous route. Non-vaccinated animals (since 3 months of age): apply two doses in an interval of 25 - 30 days. Previously vaccinated animals: revaccinate annually with a one dose or according to professional criterion. It can be applied to pregnant females.

**Presentation:** Bottle containing 250 ml (50 doses for cattle).

**Certificate:** 01-301



## REPRODUCTIVE COMPLEX



### CDVac Repromax Plus Vaccine

Vaccine for the prevention of respiratory and reproductive conditions (infertility, abortion and perinatal death) produced by IBR, BVD and by bacteria of the genus *Leptospira*, *Campylobacter* and *Haemophilus somni*.

**Composition:** Inactivated cultures of infectious Bovine Rhinotracheitis Virus (IBR), Bovine Viral Diarrhea/Mucosal Disease (BVD/MD) and bacterins of *Histophilus somni* (*Haemophilus somnus*), *Campylobacter fetus fetus*, *Campylobacter fetus venerealis*, *Leptospira interrogans* serovars pomona, wolffi, hardjo, canicola and icterohaemorrhagiae serovars, *Leptospira kirschneri* serovar Grippothyphosa serovar, *Leptospira borgpetersenii* serovars tarassovi and hardjo bovis serovars, with strains isolated from clinical cases and reference strains, with oil adjuvant in double emulsion.

**Dosage and route of administration:** Cattle: 5 ml; subcutaneous route. Calves (since 3 months of age) non-vaccinated previously: Apply two doses with an interval of 25 - 30 days. Revaccinate annually. In cases of high incidence of Leptospirosis, apply according to professional criterion. It can be used in pregnant females.

**Presentation:** Bottle containing 125 ml (25 doses for cattle) and 250 ml (50 doses for cattle).

**Certificate:** 0202/E



### CDVac Repromax Vaccine

Vaccine for the prevention of respiratory and reproductive conditions (infertility, abortion and perinatal death) produced by IBR, BVD and by bacteria of the genus *Leptospira*, *Campylobacter* and *Haemophilus somni*.

**Composition:** Inactivated cultures of infectious Bovine Rhinotracheitis Virus (IBR), Bovine Viral Diarrhea/Mucosal Disease (BVD/MD) and bacterins of *Histophilus somni* (*Haemophilus somnus*), *Campylobacter fetus fetus*, *Campylobacter fetus venerealis*, *Leptospira interrogans* serovars pomona, wolffi, hardjo, canicola and icterohaemorrhagiae serovars and *Leptospira borgpetersenii* serovar tarassovi, with strains isolated from clinical cases and reference strains, with aluminum hydroxide as adjuvant.

**Dosage and route of administration:** Cattle 5 ml; subcutaneous route. Animals non-vaccinated previously (since 3 months of age): Apply two doses with an interval of 25 - 30 days. Revaccinate annually. Bulls and heifers: vaccinate 60 days before mating or artificial insemination and revaccinate at 30 days. Cattle (revaccination): apply 30 days prior to service or artificial insemination. In cases of high incidence of Leptospirosis, apply according to professional criterion. It can be used in pregnant females.

**Presentation:** Bottle containing 250 ml (50 doses for cattle)

**Certificate:** 0103/E



### CDVac DVB-R Vaccine

Vaccine for the prevention of Bovine Viral Diarrhea in cattle.

**Composition:** E2 protein of strain BVDV 1.a. merged to a simple chain antibody APCH (1.5 µg/dose) obtained from replication of recombinant Baculovirus in SF-9 cell line with mineral oil as adjuvant and preservative: Thimerosal.

**Dosage and route of administration:** Cattle: 3 ml; subcutaneous route. Calves (since 6 months of age): apply two doses with an interval of 30 days. Young and adult animals vaccinated previously: vaccinate with one dose annually or according to professional criterion.

**Presentation:** Bottle containing 120 ml (40 doses for cattle) and 240 ml (80 doses for cattle).

**Certificate:** certificate extension 17-154



### CDVac Lepto Plus Vaccine

Vaccine for the prevention of Leptospirosis in cattle (8 serovars).

**Composition:** Inactivated cultures of *Leptospira interrogans* Pomona, Wolffi, Hardjo, Canicola and Icterohaemorrhagiae serovars and *Leptospira borgpetersenii* Tarassovi and Hardjo bovis serovar and *Leptospira kirschneri* serovar Grippotyphosa, from reference strains, with aluminum hydroxide adjuvant as adjuvant.

**Dosage and route of administration:** Calves (since 3 months of age) non-vaccinated previously: apply two doses with an interval of 25 - 30 days. Revaccinate annually. In cases of high incidence of Leptospirosis, apply according to professional criterion.

**Presentation:** Bottle containing 125 or 250 ml (25 and 50 doses for cattle respectively).

**Certificate:** 24-003



### CDVac Antileptospirosis Vaccine

Vaccine for the prevention of Leptospirosis in cattle (6 serovars).

**Composition:** Inactivated cultures of *Leptospira interrogans* serovars Pomona, Wolffi, Hardjo, Canicola and Icterohaemorrhagiae serovars and *Leptospira borgpetersenii* Tarassovi serovar from reference strains, with aluminum hydroxide as adjuvant.

**Dosage and route of administration:** Calves (since 3 months of age) non-vaccinated previously: apply two doses with an interval of 25 - 30 days. Revaccinate annually. In cases of high incidence of Leptospirosis, apply according to professional criterion.

**Presentation:** Bottle containing 125 or 250 ml (25 and 50 doses for cattle respectively).

**Certificate:** 0094/E



### CDVac Brucellosis Strain 19 Vaccine

Vaccine for the prevention of Brucellosis in cattle.

**Composition:** Each dose contains between 15-30 x 10<sup>2</sup> attenuated viable cells of *Brucella abortus* strain 19.

**Dosage and route of administration:** Cattle: 2 ml; subcutaneous route. Bovine females (3 to 8 months of age): apply one dose according to local regulations.

**Presentation:** Bottle containing 20 ml (10 doses for cattle) and 50 ml (25 doses for cattle).

**Certificate:** 03-264



### CDVac Brucellosis Strain RB51 Vaccine

Vaccine for the prevention of Brucellosis in cattle.

**Composition:** Each dose contains between 10-34 x 10<sup>2</sup> attenuated viable cells of *Brucella abortus* strain RB51, attenuated.

**Dosage and route of administration:** Cattle: 2 ml; subcutaneous route. Bovine females (4 to 8 months of age): apply one dose and give a booster at 6 months. It is recommended to apply one dose before breeding season.

**Presentation:** Bottle containing 20 ml (10 doses for cattle) and 50 ml (25 doses for cattle).

**Certificate:** 24-171



## CLOSTRIDIAL COMPLEX



### CDVac Clostrimax P-B Vaccine

Vaccine for the prevention or active immunization against Gas Gangrene, Enterotoxaemia, Malignant Oedema, Blackleg, Necrotizing Hepatitis, Sudden Death, Big Head, Bacillary Haemoglobinuria, Botulism and respiratory problems caused by *Pasteurella multocida* and *Mannheimia haemolytica* in cattle and sheep.

**Composition:** Anacultures and toxoids of *Clostridium chauvoei*, *Clostridium septicum*, *Clostridium perfringens* type A, B, C and D, *Clostridium novyi* type A, B y D (*C. haemolyticum*), *Clostridium sordelli*, *Clostridium botulinum* type C and D and bacterins of *Pasteurella multocida*, *Mannheimia haemolytica* (*Pasteurella haemolytica*), strains isolated from clinical cases, inactivated, with aluminum hydroxide as adjuvant.

**Dosage and route of administration:** Calves: 5 ml. Sheep: 3 ml; subcutaneous route. Calves and lambs (since 3 months of age): Apply two doses with an interval of 20-25 days. Young and adult animals vaccinated previously: revaccinate with one dose annually. Pregnant females: Vaccine can be used in any time of gestation, according to professional criterion.

**Presentation:** Bottle containing 50 ml (10 doses for cattle and 16 doses for sheep), 125 ml (25 doses for cattle and 40 doses for sheep) and 250 ml (50 doses for cattle and 80 doses for sheep).

**Certificate:** 0646/E



## CDVac Clostrimax P Vaccine

Vaccine for the prevention or active immunization against Gas Gangrene, Enterotoxemia, Malignant Oedema, Blackleg, Necrotizing Hepatitis, Sudden Death, Big Head, Bacillary Hemoglobinuria and respiratory problems caused by *Pasteurella multocida* and *Mannheimia haemolytica* in cattle and sheep.

**Composition:** Anacultures and toxoids of *Clostridium chauvoei*, *Clostridium septicum*, *Clostridium perfringens* type A, B, C and D, *Clostridium novyi* type A, B y D (*C. haemolyticum*), *Clostridium sordelli* and bacterins of *Pasteurella multocida*, *Mannheimia haemolytica* (*Pasteurella haemolytica*), strains isolated from clinical cases, inactivated, with aluminum hydroxide as adjuvant.

**Dosage and route of administration:** Calves: 5 ml; subcutaneous route. Sheep: 3 ml; subcutaneous route. Non-vaccinated animals (since 3 months of age): apply two doses with an interval of 20-25 days. Animals previously vaccinated: apply one dose annually or according to professional criterion. It can be applied to pregnant females.

**Presentation:** Bottle containing 50 ml (10 doses for cattle and 16 doses for sheep), 125 ml (25 doses for cattle and 40 doses for sheep) and 250 ml (50 doses for cattle and 80 doses for sheep).

**Certificate:** 0566/E



## CDVac Clostrimax T Vaccine

Vaccine for the prevention against Blackleg, Gas Gangrene, Enterotoxemia, Malignant Oedema, Sudden Death, Swelled Head, Hemoglobinuria, and Tetanus case preventive treatment produced by clostridial bacteria in cattle and sheep.

**Composition:** Anacultures and toxoids of *Clostridium chauvoei*, *Clostridium septicum*, *Clostridium perfringens* type A, B, C and D, *Clostridium novyi* type A, B and D (*C. haemolyticum*), *Clostridium sordelli* and *Clostridium tetani*, strains isolated from clinical cases, adsorbed in aluminum hydroxide adjuvant.

**Dosage and route of administration:** Cattle: 5 ml; subcutaneous route. Sheep: 2 ml; subcutaneous route. Calves and lambs (since 3 months of age): apply two doses with an interval of 20-30 days. Young and adult animals vaccinated previously: vaccinate with one dose, 1 year of initial vaccination plan and repeat annually. Pregnant females: vaccine can be used during gestation period, according to professional criterion.

**Presentation:** Bottle containing 250 ml (50 doses for cattle and 125 doses for sheep).

**Certificate:** 15-081



## CDVac Clostrimax 8 Vaccine

Vaccine for the prevention against Gas Gangrene, Enterotoxemia, Necrotic Hepatitis, Malignant Edema, Sudden Death, Symptomatic Carbuncle and Tetanus case preventive treatment produced by clostridial bacteria in cattle and sheep.

**Composition:** Anacultures and toxoids of *Clostridium chauvoei*, *Clostridium septicum*, *Clostridium perfringens* type A, B, C and D, *Clostridium novyi* type B and *Clostridium tetani*, strains isolated from clinical cases, adsorbed in aluminum hydroxide as adjuvant.

**Dosage and route of administration:** Cattle: 5 ml. Sheep and goats: 2 ml; subcutaneous route. Apply two doses at an interval of 20-25 days in primoinoculation above three months old. Revaccination once or twice a year is recommended, according to professional criterion. Pregnant females at any quarter of pregnancy can be vaccinated.

**Presentation:** Bottle containing 100 ml (20 doses for cattle and 50 doses for sheep and goats), 125 ml (25 doses for cattle and 40 doses for sheep and goats) and 250 ml (50 doses for cattle and 125 doses for sheep and goats).

**Certificate:** 0772/E



## CDVac Botulism Vaccine

Vaccine for prevention against Botulism in cattle, horses, goats and sheep.

**Composition:** Toxoids of *Clostridium botulinum* type C and *Clostridium botulinum* type D, strains isolated strains from clinical cases, and with aluminum hydroxide as adjuvant.

**Dosage and route of administration:** Calves and horses: 2 ml; subcutaneous route. Sheep and goats: 1 ml; subcutaneous route. Calves, foals, baby goats and lambs from non-vaccinated females (since 2 months of age): apply two doses with an interval of 20-30 days. Calves, foals, baby goats and lambs from vaccinated females (since 3 months of age): apply two doses with an interval of 20-30 days. Young and adult animals vaccinated previously: vaccinate with one dose, 1 year of initial vaccination plan and repeat annually, according to professional criterion. Pregnant females: vaccine can be used during gestation.

**Presentation:** Bottle containing 100 ml (50 doses for cattle and horses and 100 doses for sheep and goats) and 250 ml (125 doses for cattle and horses and 250 doses for sheep and goats).

**Certificate:** 0293/E



## ENTERIC NEONATAL COMPLEX

### CDVac Neonatal Diarrhea Vaccine

Vaccine for the prevention of clinical signs of Neonatal Diarrhea caused by infection with Rotavirus and Coronavirus; enteric diseases caused by *Escherichia coli*, *Salmonella* and enterotoxemia caused by *Clostridium perfringens* type D.

**Composition:** Inactivated cultures of Bovine Rotavirus (BRV) and Bovine Coronavirus (BCV), and bacterin of *Escherichia coli*, *Salmonella dublin* and *Salmonella typhimurium*, and toxoid of *Clostridium perfringens* type D, reference and local strains isolated from clinical cases, and with aluminum hydroxide as adjuvant.

**Dosage and route of administration:** Cattle: 5 ml; subcutaneous route. Calves (since 3 months of age) non-vaccinated previously: apply two doses with an interval of 20-25 days. Previously vaccinated animals: revaccinate annually or according to professional criteria.

**Presentation:** Bottle containing 125 ml or 250 ml (25 or 50 dosis for cattle)

**Certificate:** 14-138

