

BIOAFTOGEN®

The World Champion in FMD Control & Eradication



ONE WORLD - ONE HEALTH - ONE VACCINE

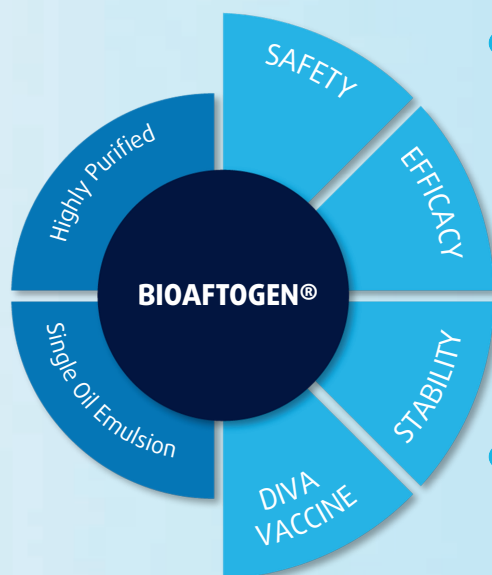
The evolution of animal health



Biogénesis
Bagó

BIOAFTOGEN® PLATFORM

The Best and Safest Choice for FMD Risk Management



● HIGH SAFETY

Safe for use in all susceptible species, across all production and reproductive stages.

● STRONG PROTECTION

Early onset and long-lasting immunity with broad cross-protection against circulating FMD strains.

● STABLE POTENCY

Maintains efficacy throughout a 24-month shelf life.

● DIVA CAPABILITY

Differentiates vaccinated animals from natural infections, essential for control and eradication programs.

BIOAFTOGEN® PLATFORM, Biogénesis Bagó's world-class FMD vaccines are developed with high antigenic coverage vaccine strains and produced under the highest international quality standards, ensuring consistent potency, safety, and reliable protection across diverse global markets.

Comprehensive vaccine strains



- ✓ O1 Campos
- ✓ A24 Cruzeiro
- ✓ A2001 Argentina
- ✓ Asia-1 2015
- ✓ SAT1 2020
- ✓ SAT2 2015
- ✓ SAT3 2017

Advanced adjuvant and formulation



- ✓ Single water-in-oil emulsion technology
- ✓ Proven safety for animals
- ✓ Optimized for strong and long-lasting immune response

Pure antigens



- ✓ Highly purified antigens
- ✓ Produced in high-containment biosafety facilities
- ✓ DIVA compliant



Trusted quality standards

- ✓ Manufactured in compliance with GMP, ISO 9001 and ISO 14001
- ✓ Independent batch release by SENASA (Argentina) and veterinary authorities of destination countries
- ✓ Constantly validated cross-protection by WRLFMD

High potency vaccine >32 PD50



Exceeding WOAHP standards for emergency vaccination

Broad immunological cross-reactivity



Scan the QR code to explore the cross-protection of **BIOAFTOGEN®** vaccine strains against field isolates from different serotypes and topotypes across the world.



VACCINE PERFORMANCE

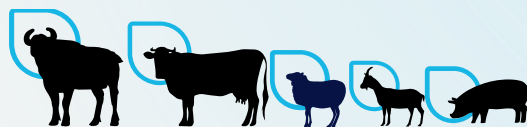
BIOAFTOGEN® delivers robust and reliable protection under field conditions



EARLY PROTECTION
from day 7 post-vaccination



DURATION OF IMMUNITY
>6 months (180 days)



STRONG IMMUNE RESPONSE
even with high levels of
maternal antibodies

BIOAFTOGEN® FMD VACCINE

Worldwide presence



Over 35 licenses
in more than
30 countries

First FMD vaccine
to obtain the EuFMD
Pre-qualification

350 million doses
per year of
manufacturing
capacity

EMERGENCIES ATTENDED



BIOAFTOGEN® PLATFORM is the strategic solution for sustainable FMD risk management.



Dosage and Route of Administration

Cattle, Buffalo and Swine: 2mL per dose

Sheep and Goats: 1mL per dose

Administer by intramuscular (IM)

or subcutaneous (SC) injection

Following Good Vaccination Practices



**Biogénesis
Bagó**

BIOAFTOGEN® PLATFORM, Biogénesis Bagó's world-class FMD vaccines

ONE disease, SEVEN challenges, ONE solution

Biogénesis Bagó is a global biotechnology leader dedicated to advancing animal health, present across five continents and more than 60 countries. With over 70 years of continuous innovation, FMD prevention is at the core of our expertise.

Our **BIOAFTOGEN® PLATFORM** feature a comprehensive range of well-characterized strains, available in multiple formulations from monovalent to hexavalent, delivering broad antigenic coverage and consistent quality to meet the diverse needs of global markets.



MONOVALENT VACCINES

Serotype 0
Serotype SAT1
Serotype SAT2
Serotype SAT3
Serotype ASIA1



BI-TRIVALENT VACCINES

Serotype 0+A
Serotype 0+A+A
Serotype SAT1+SAT2
Serotype SAT1+SAT2+SAT3



TETRAVALENT VACCINES

Serotype 0+A+SAT2
Serotype 0+A+ASIA1
Serotype 0+A+A+C



PENTAVALENT VACCINES

Serotype 0+A+A+ASIA1+SAT2
Serotype 0+A+A+SAT1+SAT2

HEXAVALENT VACCINES

Serotype
0+A+A+ASIA1+SAT1+SAT2



ANTIGEN AND VACCINE BANK

Biogénesis Bagó operates one of the world's most comprehensive FMD antigen banks, enabling rapid vaccine response within 7 days during foot-and-mouth disease emergencies.



ARGENTINA
Since 2001



USA - CANADA
2006-2032
North America
FMD Antigen and
Vaccine Bank



TAIWAN
Since 2019



USA (APHIS)
2020-2037
NAVVCB
National Bank of Animal
Vaccines and Veterinary
Countermeasures



S. KOREA
Since 2022
APQA
Animal Plant and
Quarantine Agency



CANADA
2025-2039
Canadian FMD
Vaccine Bank



BRAZIL
2025-2035
TECPAR
FMD antigen and vaccine
bank, in partnership with
the Paraná Institute of
Technology

Biogénesis Bagó is committed to FMD control and eradication, actively supporting national and regional programs with high-quality, potent, and safe FMD vaccines.