

ANIVAC®

SAN
VET



CUSTOM-MADE VACCINES

FISH

CMV – CUSTOM-MADE VACCINES

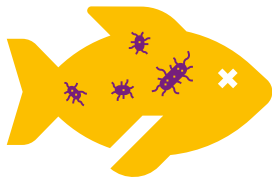
IMPROVING HEALTH, REDUCING ANTIBIOTIC TREATMENTS

Vaccination is an excellent tool for the prevention of infectious diseases of livestock. Custom-made vaccines enable animals to form an effective immune protection, where other preventive strategies like licensed vaccines are absent for a specific pathogen, pathogen strain or serotype. Custom-made vaccines will help reducing antibiotic treatments.

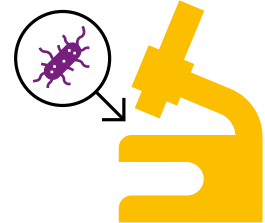
Custom-made vaccines stimulate animals to form an effective immune protection. Conditions on a farm may change constantly because a number of pathogens are able to mutate and change their properties, thereby quickly escaping the prophylactic scope of existing vaccines, and new strains or serotypes enter the population. Custom-made vaccine concepts offer the possibility to quickly react to these changes by using most actual isolates from the target farm starting with the next batch.

PRODUCTION PROCESS

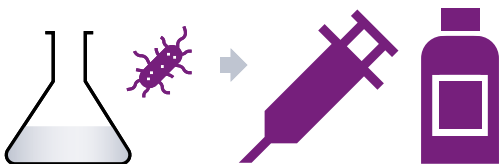
1 Viral and bacterial pathogens weaken the animal.



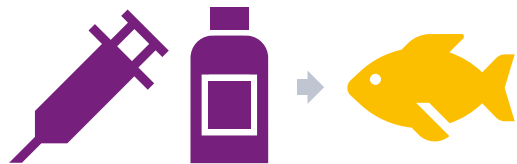
2 Sampling and identification of the pathogen.



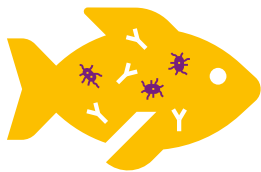
3 Production of a population-specific vaccine.



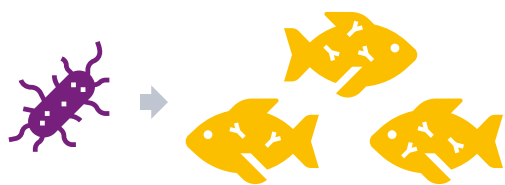
4 Application of population-specific vaccine.



5 After application the animal forms antibodies against the pathogen.



6 Vaccine reduces morbidity and mortality from field infection.



DIAGNOSTICS AND CUSTOM-MADE VACCINES FROM A SINGLE SOURCE



The SAN Group Biotech Germany campus features a new plant for custom-made vaccines, unique in the EU.



Targeted sampling in pathology



Production of viral, bacterial and mycoplasma vaccines



State-of-the-art technology for vaccine production



For further information please contact our fish veterinarian:

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We at **SAN Vet** regard ourselves as a competent and reliable partner in the field of animal health.

ANICON

Veterinary diagnostics & services
(Accreditation ISO 17025)

- Pathology
- Cultural bacteriology
- Cultural virology
- Serology
- PCR and sequencing

ANIVAC

Autogenous vaccines

- Poultry
- Swine
- Cattle
- Sheep
- Goats
- Fish

KYLT

In-vitro diagnostic products

- Kylt® Real-Time (RT-) PCR-Kits
- Kylt® Purification Products

LM-TECH

Feed- & food diagnostics
(Accreditation ISO 17025)

Examination of feed and food, drinking water for animals and humans.

- Microbiological / chemical analysis
- Molecular / immunological analysis
- Histology
- Quality management & consulting



SAN Vet ist Ihr kompetenter und verlässlicher Partner im Bereich Tiergesundheit.

ANICON

Veterinär diagnostik & Services
(Akkreditierung ISO 17025)

- Pathologie
- Kulturelle Bakteriologie
- Kulturelle Virologie
- Serologie
- PCR und Sequenzierung

ANIVAC

Bestandsspezifische Impfstoffe

- Geflügel
- Schwein
- Rind
- Schaf
- Ziege
- Fisch

KYLT

In-vitro Diagnostikprodukte

- Kylt® Real-Time (RT-) PCR-Kits
- Kylt® Aufreinigungskits

LM-TECH

Futter- und Lebensmitteldiagnostik
(Akkreditierung ISO 17025)

Prüfung von Futter- und Lebensmitteln, Trink- und Tränkewasser

- Mikrobiologische / chemische Prüfungen
- Molekularbiologische / immunologische Prüfungen
- Histologie
- Qualitätsmanagement & Beratung
- Gegengutachten



SAN Vet es un colaborador competente y fiable en el sector de salud animal.

ANICON

Diagnóstico y servicios veterinarios
(Acreditación ISO 17025)

- Patología
- Cultivos bacteriológicos
- Cultivos virales
- Serología
- PCR y secuenciación

ANIVAC

Vacunas autógenas

- Aves
- Cerdos
- Vacas
- Oveja
- Cabra
- Peces

KYLT

Productos de diagnóstico in-vitro

- Kylt® Real-Time (RT-) PCR-Kits
- Kylt® Productos de purificación

LM-TECH

Diagnóstico de piensos y alimentos
(Acreditación ISO 17025)

Pruebas de productos alimenticios / piensos, agua potable

- Pruebas microbiológicas / químicas
- Pruebas de biología molecular / inmunológicas
- Histología
- Gestión y asesoramiento de calidad



SAN Vet est votre partenaire compétent et fiable dans le domaine de la santé animale.

ANICON

Diagnostic vétérinaire et services
(Accréditation ISO 17025)

- Pathologie
- Bactériologie de culture
- Virologie de culture
- Sérologie
- PCR et séquençage

ANIVAC

Vaccins autogènes

- Volaille
- Cochon
- Bovin
- Mouton
- Chèvre
- Poisson

KYLT

Produits de diagnostic in-vitro

- Kylt® Real-Time (RT-) PCR-Kits
- Kylt® Produits de purification

LM-TECH

Sécurité des produits alimentaires
(Accréditation ISO 17025)

Test des produits alimentaires et de l'eau pour consommation humaine / animale

- Tests microbiologiques / chimiques
- Tests de biologie moléculaire / immunologiques
- Histologie
- Gestion de la qualité et service de conseil



PRODUCTS

Immersion, oral and injectables (oil – or waterbased), mono and polyvalent

ADJUVANTS

Can be customized

VOLUMES PER DOSE

Standard ranges from 0,05 ml to 0,1 ml

BOTTLE SIZE

Can be customized

We offer innovative custom-made vaccines for fish comprising the following antigens:

BACTERIAL ANTIGENS INCL. MYCOPLASMA

- *Yersinia* spp. (ERM)
- *Lactococcus garviae*
- *Edwardsiella* spp.
- *Aeromonas* spp.
- *Vibrio* spp.
- *Pseudomonas* spp.

VIRAL ANTIGENS

- Eel Herpesvirus (AngHV1)
- Betanodavirus
- Birnavirus



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