

**ANIVAC®**

**SAN**  
VET



**CUSTOM MADE  
VACCINES  
TURKEY**

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**Passion for Innovation**

# 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.

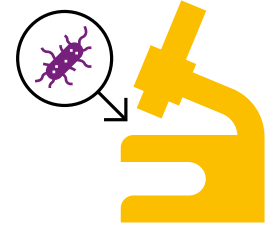
Custom made vaccines stimulate animals to form an effective immune protection. Flock conditions may change constantly because a number of pathogens are able to mutate and change their properties, thereby quickly escaping the prophylactic scope of existing vaccines, and new strains or serotypes enter a flock. 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

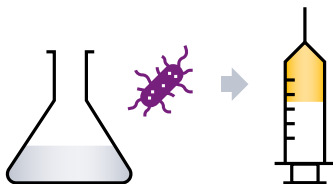
**1** Viral and bacterial pathogens weaken the animal.



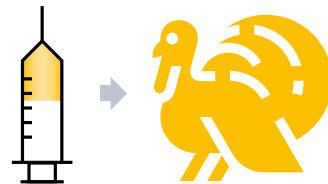
**2** Sampling and identification of the pathogen.



**3** Production of a flock-specific vaccine.



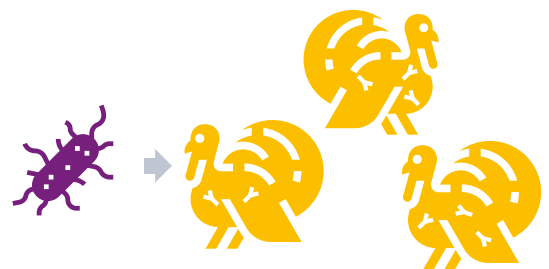
**4** Application of flock-specific vaccine.



**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



View of the SAN Group Campus with the new vaccine plant that is unique in the EU for custom made vaccines



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 poultry veterinarians:**

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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®

**Veterinärdiagnostik & 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



## POLYVALENT PRODUCTS

Combinations are possible

## ADJUVANTS

- Aluminiumhydroxide
- Mineral Oil

## VOLUMES PER DOSE

- 0.2 ml (day old poults)
- 0.3 ml
- 0.5 ml

## BOTTLE SIZE

- 200 ml
- 300 ml
- 500 ml

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

## BACTERIAL ANTIGENS INCL. MYCOPLASMA

- Avibacterium
- Bisgaard Taxon
- Bordetella
- Clostridium
- Coenonia
- Enterococcus
- Erysipelothrix
- Escherichia coli
- Gallibacterium
- Mannheimia
- Mycoplasma
- Ornithobacterium
- Pasteurella
- Riemerella
- Salmonella
- Staphylococcus
- Streptococcus

## VIRAL ANTIGENS

- Adenovirus
- Influenza Virus A  
H1, H3, H6, H9
- Picornavirus
- Reovirus



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