

Autogenous vaccine



EU perspective: recent developments



**Recommendations for the use, manufacture and control
of inactivated autogenous veterinary vaccines within the
EEA**

(To be validated by HMA)

Harmonized





Together, beyond animal health

WHO ARE WE?

AUTOGENOUS VACCINES

REAGENTS

- Home
- Autogenous Vaccines
- Autogenous swine vaccines
- Autogenous Avian vaccines
- Autogenous vaccines for other species
- Know-how
- Practical information





A Boehringer Ingelheim Company

[About Us](#) - [Products](#) - [Diagnostics](#) - [Subm](#)

Products

[Products](#) / Products

Custom Made Vaccines (Autogenous Biologics)



Custom Made Vaccines have been used for many years to help address livestock diseases. Newport

Custom-made vaccine

Drug Act

- ▶ The Drug Act in Thailand controls both human and veterinary medicinal products.
- ▶ Require licensing for manufacturing, importing, selling and registration of all medical products.
- ▶ No specific clause to control autogenous vaccine
- ▶ However, the Drug law has **some exemptions**. For example:

Drug Act (exemption for licensing)

- ▶ The **production** of medicinal products for **individual** patient by medical doctor or **individual** animal by vet prescription

(They do not require the licensing to produce medicinal product for **individual** patient or **individual** animal.

how to interpret this exemption under drug law for custom-made vaccine in farm **animals !!**

Drafted ASEAN Guideline

AUTOGENOUS VACCINES

Standard requirements for the use and
production of AUTOGENOUS
VETERINARY VACCINES



Autogenous Vaccine

	USA	EU	Canada
<u>Production</u>			
•Licensing	✓	✓	✓
•For an approved list of pathogens and animal species	✓	✓	✓
<u>Specific criteria for Use</u>			
• Prescription			
• No licensed Vac.			
• Lack of efficacy of			

Autogenous vaccine Company	Country	Link
1. Ceva animal health	France	https://www.biovac.ceva.com/en/Autogenous-vaccines/
2. Newportlabs	USA	http://www.newportlabs.com/custom-made-vaccines
3. MPV laboratory	USA	http://www.mvplabs.com/products/autogenous-bovine-vaccines
4. ARKO laboratory	USA	http://www.arkolabs.com/pb/wp_5cfca004/wp_5cfca004.html
5. Anicon	Germany	https://www.anicon.eu/en/pages/show/impfstoffe
6. Harris vaccines	USA	http://www.harrisvaccines.com/
7. Phibro vaccine	USA	http://www.mvplabs.com/products/autogenous-specialty-vaccines
8. vaxxinova	Germany	https://en.vaxxinova.no/services/autogenous-vaccines

Conclusion

Promote High quality Veterinary Antimicrobials ?

- Prevent leak APIs

(regulation / IT system, control distribution channel and international movement of antibiotic APIs)

- Strengthen regulation for medicated feed mills /
medicated premix

- Set the appropriate place for autogenous vaccine

Recommendation / Requirement

- **API (antibiotics)**

political commitment and global action plan specific to APIs

- **Medicated feed / medicated premix**

International guideline to control the production

Capacity building for testing method of drug after mix into feed


Training (OIE animal feed / Veterinary medicinal collaborating Center)

- **Custom –made vaccine**

OIE guideline / recommendation to control the use
and manufacture of autogenous vaccine



DEPARTMENT OF LIVESTOCK DEVELOPMENT
MINISTRY OF AGRICULTURE AND COOPERATIVES



**THANK YOU FOR YOUR
ATTENTION**