

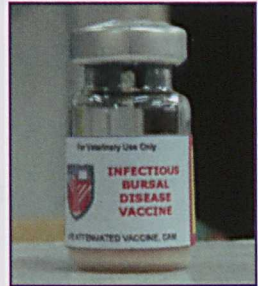
UPM93 Infectious Bursal Disease (IBD) Vaccine for Chickens



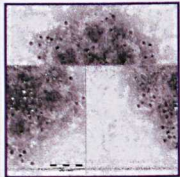
A safe and effective live attenuated UPM93 IBD vaccine was developed recently for the control and prevention of infectious bursal disease (IBD) in chickens.

The seed virus of the vaccine was isolated from layers farm at UPM in 1993 and proved to be the best IBD virus (IBDV) seed for vaccine development among others IBDV isolated in Malaysia.

Studies on the efficacy of UPM93 IBD vaccine in both the commercial and specific pathogen free (SPF) chickens demonstrated that the vaccine is highly safe and effective, and could confer full protection against IBDV field challenged. The vaccine is highly immunogenic and able to neutralize high level of IBD maternally derived antibody. It is efficacious for intra-ocular and oral routes of vaccination as well as for *in-ovo* vaccination in 18-day old embryonated eggs or used as a food based vaccine. The vaccine causes mild bursa lesions with bursa recovery. It is non immunosuppressive and does not impair the growth of chickens.



UPM93 IBD vaccine



IBD virus

The vaccine is currently produced by a commercial vaccine company, Malaysian Vaccines and Pharmaceuticals (MVP) for Malaysian and international markets, and was proved to be safe and effective to confer full protection against IBDV field challenged in the chicken farms. The vaccine is expected to be available in the commercial market by end of December 2004.

For further information, kindly contact:

Assoc Prof Dr Mohd Hair Bejo
 Department of Veterinary Pathology and Microbiology
 Faculty of Veterinary Medicine
 Universiti Putra Malaysia
 43400 UPM, Serdang, Selangor
 Malaysia

Tel: +603-8946 8287, Fax: +603-8946 8333

E-mail: mdhair@vet.upm.edu.my