

**INSTITUT PENYELIDIKAN HAIWAN**                      **Tel:05-5457166**  
**(VETERINARY RESEARCH INSTITUTE)**              **Fax:05-5463368**  
**JABATAN PERKHIDMATAN**  
**HAIWAN**    **email:postmaster@jphvri.po.my**  
**KEMENTERIAN PERTANIAN MALAYSIA**  
**59, Jalan Sultan Azlan Shah,31400, Ipoh**  
**Perak Darul Ridzuan, MALAYSIA**  
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Dr Vong Nyam Seng  
7 Solok Brook  
10450 Georgetown  
Penang, MALAYSIA

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RESULTS OF EFFECTS OF ANOLYTE WATER ON BACTERIA, VIRUSES ON CHICKENS

Dear Dr Vong,

The Veterinary Research Institute(VRI) has conducted various preliminary studies on the anolyte water produced from the apparatus placed at our institute by you. Below are the results on the tests conducted at the VRI.

**EFFECTS OF ANOLYTE WATER ON THE SURVIVAL OF 3 TYPES OF BACTERIA  
VIZ  
E. COLI, SALMONELLA ENTERITIDIS AND PSEUDOMONAS MARCESCENN**

All 3 types of bacteria were killed within 30 secs upon treatment with the anolyte.  
(The minimum time for the experiment was conducted at 30 secs)

**EFFECTS OF ANOLYTE ON SURVIVAL OF AVIAN INFLUENZA VIRUS(H5N3)**

The Avian Influenza virus was killed within 1 min upon treatment with the anolyte  
(The minimum time for the experiment was conducted at 1 min)

**EFFECTS OF ANOLYTE ON THE HEALTH OF BROILER CHICKENS**

The lungs of the broilers exposed to anolyte were examined. Chickens were continuously treated intranasally and via the eye with 100 ul of anolyte daily and examined after 7 days did not show any adverse reactions. There were no gross or histopathological lesions in the lungs.

Greater weight gains of chickens treated with anolyte was observed by investigators. This, however, is an incidental finding and only an observation. We have not conducted any experiments regarding weight gain parameters yet.

The experiments therefore showed the ability of anolyte to kill or inactivate the bacteria and virus under study and the possibility of the anolyte to act as a growth promoter.

The effects of the anolyte on its ability to kill organisms were conducted only under laboratory conditions and the effects under real farm conditions need to be investigated.

**DIRECTOR  
VETERINARY RESEARCH INSTITUTE  
IPOH  
PERAK  
MALAYSIA**