



**THESIS APPROVAL**  
**GRADUATE SCHOOL, KASETSART UNIVERSITY**

Doctor of Philosophy (Genetic Engineering)

**DEGREE**

Genetic Engineering

**FIELD**

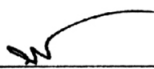
Interdisciplinary Graduate Program

**PROGRAM**

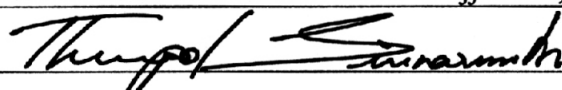
**TITLE:** Study on VP1 Variation of Foot-and-Mouth Disease Virus Thailand's Isolates and Evaluation of Synthetic Peptide Vaccine for FMDV Serotype O and the Development of the 3AB Protein Serodiagnostic Assays

**NAME:** Mr. Preeda Lertwatcharasarakul

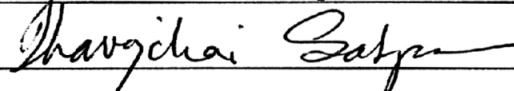
**THIS THESIS HAS BEEN ACCEPTED BY**

  
\_\_\_\_\_  
**THESIS ADVISOR**

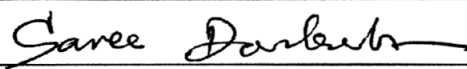
( Associated Professor Worawidh Wajjwalku, D.M.S. )

  
\_\_\_\_\_  
**COMMITTEE MEMBER**

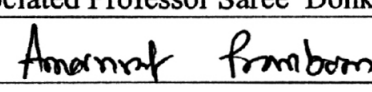
( Assistant Professor Theerapol Sirinarumitr, Ph.D. )

  
\_\_\_\_\_  
**COMMITTEE MEMBER**

( Assistant Professor Thavajchai Sakpuaram, Ph.D. )


  
\_\_\_\_\_  
**COMMITTEE MEMBER**

( Associated Professor Saree Donkaewbua, Ph.D. )

  
\_\_\_\_\_  
**GRADUATE COMMITTEE CHAIRMAN**

( Assistant Professor Amornrat Promboon, Ph.D. )

**APPROVED BY THE GRADUATE SCHOOL ON** 26 May 2006

  
\_\_\_\_\_  
**DEAN**

( Associate Professor Vinai Artkongharn, M.A. )