

Project title: “Detecting WSSV (white spot syndrome virus) on black tiger shrimp by LAMP (loop-mediated isothermal amplification) technique”

❖ ***Objectives and contents***

1. Collecting samples
2. Extracting DNA genome of virus
3. Conducting the LAMP reaction
4. Comparing the result of two techniques: LAMP & PCR

Implementation period: 4/2010 ÷ 4/2011

❖ ***Implementation person:***

MSc. Ung Trong Thuan, Institute of Biotechnology and Environment, leader

❖ ***Results:***

- The process of extracting DNA from prawn is suitable for LAMP reaction
- The standard LAMP procedure for early diagnosis of WSSV.