

**ESTABLISHMENT OF *NEISSERIA GONORRHOEAE*  
AND *CHLAMYDIA TRACHOMATIS* DETECTION  
BY USING IN - HOUSE TAQMAN® - BASED  
MULTIPLEX REAL-TIME POLYMERASE  
CHAIN REACTION**

**SIRICHAJ POOKKAPUND**

**MASTER OF SCIENCE  
IN MEDICAL TECHNOLOGY**

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**THE GRADUATE SCHOOL  
CHIANG MAI UNIVERSITY**

**MARCH 2008**

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**A THESIS SUBMITTED TO THE GRADUATE SCHOOL IN  
PARTIAL FULFILLMENT OF THE REQUIREMENTS  
FOR THE DEGREE OF  
MASTER OF SCIENCE  
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THIS THESIS HAS BEEN APPROVED  
TO BE A PARTIAL FULFILLMENT OF THE REQUIREMENTS  
FOR THE DEGREE OF MASTER OF SCIENCE  
IN MEDICAL TECHNOLOGY

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.....CHAIRPERSON  
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