



Animal Care and Use Protocol Non-Housing Animals Procedure

Cover Sheet

(กรอกข้อมูลเป็นภาษาไทย หรือ ภาษาอังกฤษ)

Protocol number		This section will be filled by the BUU-IACUC
Date of submission (dd/mm/yyyy)		
Date of approval or request revision (dd/mm/yyyy)		
Date of resubmission (dd/mm/yyyy)		
Date of approval or disapproval (dd/mm/yyyy)		
Date of expiration (dd/mm/yyyy)		

1. Protocol title:

(Thai)

(English)

If this protocol is a part of the main project, please provide the main project title

(Thai)

(English)

Principal investigator of the main project

Name Faculty/ Institute

Phone..... E-mail.....

Animal use license no Expired date

2. Principal investigator of the submitted protocol: *For a student thesis, the principal investigator is the principal adviser and the student is a co-investigator.*

Name Faculty/ Institute

Phone..... E-mail.....

Animal use license no Expired date

3. Co-Investigators:

3.1 Name..... Faculty/ Institute

Phone..... E-mail.....

Animal use license no Expired date

3.2 Name..... Faculty/ Institute

Phone..... E-mail.....

Animal use license no Expired date

3.3 Name..... Faculty/ Institute
 Phone..... E-mail.....
 Animal use license no Expired date

4. Contact person in case of emergency

Name Faculty/ Institute.....
 Phone..... E-mail.....

5. Type of animal protocol:

- Research: in the field of
- Testing/Monitoring, specify
- Teaching: course title/ level.....
- Biological production, specify
- Animal breeding, specify.....
- Other, specify.....

6. Anticipated protocol period: From to
 (วันเริ่มต้นต้องไม่ก่อนวันที่โครงการได้รับการรับรอง)

7. Grant proposal: Please select **ONE** of the following options

- To be submitted; from.....
 Amount requested
 Funding period from to
- Has been submitted; from.....
 Amount requested
 Funding period from to
- Received from.....
 Amount requested
 Funding period from to

Your signature(s) as Principal investigator (PI) and Co-investigator(s) on this application verify that the information herein is true and correct and that you are familiar with and will comply with the standard of animal care and use established under the ethical guidelines and policies of BUU and Office of the National Research Council of Thailand (NRCT).

Principal investigator: Name

 (Signature) (Date)

Co-investigator: Name

 (Signature) (Date)

Co-investigator: Name

(Signature)

(Date)

Co-investigator: Name

(Signature)

(Date)

Approval:

BUU-IACUC review:

Approved

Disapproved

(Chair, BUU-IACUC signature)

(Date)

Burapha University
Standardized Research Protocol Format
for Non-Animal Housing Procedure

1. Protocol title:

(Thai)
(English)

2. Non-technical summary: *Provide a brief description of the project that is easily understood by non-scientists, expressing its significance and your reasons for undertaken the study.*

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3. Rationale and literature review: *Include a brief statement of the requirement for the information being sought. Typically, the literature or the experience that led to the proposal will be briefly reviewed, references cited will be provided.*

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4. Objective(s)/hypothesis: *Provide goal/specific aim of this project.*

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5. Potential benefits of the study: *Explain how the study is important to human or animal health and the advancement of knowledge.*

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.....

6. Literature search for duplication: *This search must be performed to prevent unnecessary duplication of previous experiments.*

6.1 Database(s) searched

6.2 Date of search: *must be within six months prior to IACUC meeting dd/mm/yyyy*

6.3 Period of information searched: *range of years searched*.....

6.4 Keywords used in search

6.5 Results of search: *provide a narrative description of the results of the literature search.*

No

Yes, explain why it is scientifically necessary to duplicate any previous work?

.....
.....

7. Experimental design and general procedures: *Provide a complete description of animal use, including animal species, study groups, and what will be done to the animals. Succinctly outline the formal scientific plan and direction for experimentation. A diagram or chart may be helpful to explain complex design.*

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8. Source of samples or specimens

8.1 From previously approved protocol: *Provide detail of the source protocol.*

8.1.1 Protocol title

(Thai).....

(English)

8.1.2 Protocol number

8.2 From wildlife, specify: *Must be complied with Wildlife Preservation and Protection Act B.E.2535*

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8.3 From other sources, specify

.....

8.4 Transportation of samples/specimen to the laboratory, check all that apply

Transport in a closed container, specify.....
 Duration of transportation

Transport in a temperature controlled container, specify.....
 Duration of transportation.....

Other, specify.....
 Duration of transportation.....

8.5 Description of animal source of sample

Animal	Genus and Species	Sample/Organ/Specimen	Number of samples will be used in this protocol

9. Scientific justification for number requested and data analysis.

9.1 Number of specimen required: *Provide an explanation of how the numbers of specimens to be used in each group or total were appropriate.*

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9.2 Data analysis/statistical method: *List the statistical test(s) planned or describe the strategy intended to evaluate the data.*

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10. Disposal of sample/specimen

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11. Occupational health and safety:

11.1 Type of hazards associated with this protocol.

- None
- Hazardous chemical, carcinogen or radioactive material is (are) used: specify

- Biohazardous agent is (are) used
 - Non-Infectious agent: specify.....
 - Infectious agent: specify

11.2 Specify Biosafety Level

Level (1, 2 or 3). Please see biosafety guidelines (page 107 – 174) to detail.
 (<http://research.buu.ac.th/web2015/file/Guideline.pdf>)

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11.3 Explain any safety precautions and protective measures to protect personnel from biohazards and any surveillance procedures in place to monitor any potential exposures.

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11.4 Explain how the waste is decontaminated and disposed.

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11.5 Incase of accidental, provide immediate procedures and early treatment to limit possible injury or illness.

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11.6 List relevant occupational medical health provision.

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12. Qualifications of Personnel: *List all individuals who will be involved in this protocol. If personnel do not have experience, state how they will be trained.*

Name/Status	Qualification/Recent trainings in the use and care of laboratory animals	Responsibilities in the project

13. List of References used in writing protocol.

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Signature
(Principal investigator)

Date