



**ANIMAL DEVELOPMENTAL BIOLOGY RESEARCH LABORATORY**

Rm 261, Institute of Biology, College of Science

University of the Philippines Diliman

Diliman, Quezon City 1101 Philippines

**SERVICE FORM**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **CLIENT INFORMATION** | | | | |
| Name |  | Mobile No.: |  |
| Affiliation |  | Email Address: |  |
| Work/School Address |  | | |
| Purpose | **Brine Shrimp Lethality Assay** | | |
|  |  |  |  |
| **SAMPLE AND SERVICE INFORMATION** | | | | | |
| **IMPORTANT NOTES:**   * Desired extract/s concentration/s must be ready for treatment already. This means the extract should be dried and/or dissolved in the appropriate solvent (artificial sea water). * Brine shrimp nauplii and other materials such as 24-well plates will be provided. | | | | | |
| Name of the extract/s: | | | | | |
| Number of the extract/s: | | Solvent used for extraction: | | | |
| Concentrations of extract/s: | | | | | |

|  |
| --- |
| **TERMS AND CONDITIONS** |
| *By submitting my sample/s to the Andev Lab, I understand and agree to the following TERMS AND CONDITIONS:*   1. That the billing is based on the cost of the materials, reagents, use of incubating facility, and testing services which are employed for the service requested; 2. That the entire experiment takes at most two weeks to finish (for 3 trials); 3. That the RA-in-charge has full prerogative on scheduling, completion of the assay and the release of results; 4. That the AnDev Lab **DOES NOT** perform extraction and other related services. The client must perform their own extraction procedure. Samples should be properly sealed and labeled in tubes or flasks; 5. That the client is responsible for ensuring that the sample/extract to be submitted is not contaminated by bacteria, yeast or any other microorganisms and that the Andev lab is not responsible for any contamination that may be present in the sample submitted (e.g, contamination introduced during extraction, etc); 6. That the fee is **NOT** reimbursable once the assay has already been started, regardless if the test sample/extract was proven to be contaminated); 7. \*The scheduling will only be finalized after submission of the extract, the service form and the endorsement letter from client’s research adviser/ certification or any proof of institutional affiliation; Endorsement letter will also serve as a certification that the research/thesis adviser has extensively reviewed the study. 8. That the information provided by the client in this form (e.g name, client affiliation, service/s requested, etc) will be reflected on the certification document; 9. That the experimental methodology, from the initial extraction to the waste disposal samples, used by the AnDev Lab is set, non-negotiable and complaint to institution regulations; 10. That the samples will be returned to the client after the end of the experimentation. All photographs and analysis of the BSLA should be **done by the client;** 11. That any samples not claimed **after 7 days after termination of treatment**  will be disposed accordingly; 12. That the AnDev Lab is a service laboratory and does not offer consultation services and reserves the right to turn down questions regarding the principles of the assays being requested; 13. That all questions regarding the principles of the assays must be addressed to the research adviser/s of the clients; 14. That the AnDev Lab reserves the right to turn down assay requests on the basis of but not limited to the following;  * Data on the animal model and submitted sample/extract has already been published * The sample being passed still has solvent (e.g methanol, water, etc); * The sample is not soluble in dimethyl sulfoxide * There is no available schedule for assay |

|  |
| --- |
| **INSTRUCTIONS** |
| The client must follow the instructions (see the flowchart below) to be accommodated by the AnDev Lab.  STEP 1.  **Communicate with the institution (AnDev, IB UPD) via email**.  This includes a letter addressed to Dr. Lerrie Ann Ipulan-Colet with the following ;  a. School's letterhead  b. Title of the study and Copy of proposal  c. Names of all the investigators  *NOTE: If the client is not of legal age, the ADVISER should sign the letter.*  STEP 2  **At least two trials can be done in a week.** Hatching set-up may be prepared during Mondays and Tuesdays only if the researchers wanted to do two trials. Remaining trial may be done on another scheduled week. An experiment of at least three trials is highly recommended.  STEP 3  **Exposure of brine shrimp nauplii to treatments.** Four experimental and two control treatments be prepared. Four replicates will be prepared per treatment. Around 10-15 brine shrimp nauplii will be added per well.  STEP 4  **Observation of results will be done after 24 hrs.** Percent mortality will be computed by counting the number of dead brine shrimp nauplii divided by the total number of nauplii per well. |

|  |  |
| --- | --- |
| **FEES** | |
| ***Reagents*** | ***Per assay in Php*** |
| *Brine shrimp* | *200* |
| *Potassium dicnromate* | *143* |
| *Rock Salt* | *10* |
| *Distilled Water* | *120* |
| *DMSO* | *51* |
| ***Consumables*** |  |
| *Blue Tips* | *62.75* |
| *Yellow Tips* | *47* |
| *24-well plate* | *150* |
| *Aluminum Foil* | *25* |
| ***Equipment and Materials*** |  |
| *Micropipettes* | *250* |
| *Aerator* | *4* |
| ***Honorarium*** | *It will be computed at the end of the experiment.It will also depend on the position of the person who will assist you (150-230php/hr)* |

**CONFORME**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_

SIGNATURE OVER PRINTED NAME DATE

**To be filled out by RA of AnDev Lab**

**CONFIRMATION SLIP**

|  |  |
| --- | --- |
| **Name** |  |
| **Affiliation** |  |
| **Sample ID** |  |
| **Sample submission date (egg and extract/s)** |  |
| **Approved assay date** |  |
| **Name and signature of RA of AnDev** |  |
| **Date received:** |  |