

Aedes albopictus Specimen Submission Kit

*** If you are using our full collection kit instead of a protocol that is already established by your agency please use [these guidelines](#) instead for collection and shipping instructions.**

Collection Kit Materials

1 Large White Tray

1 Large Sponge

1 Pack Small Sandwich Bags

[Egg Identification Guide](#)

Specimen Collection Procedure

Aedes albopictus larvae and eggs are found in a wide variety of habitats and are often associated with human-dominated habitats. They are often found in standing water contained in both artificial and natural containers and can adapt to an extremely wide variety of containers. To collect *Ae. albopictus* eggs containers dark colored artificial containers can be set out in the field as described below. The eggs of *Ae. albopictus* can be confused with two other closely associated species (*Ae. japonicus* and *Ae. triseriatus*). The eggs can be difficult to differentiate, but a general guideline can be found [here](#).

- 1) Return the samples to the office and if possible, use a compound scope and the **Egg Identification Guide** to determine whether *Ae. albopictus* eggs have been laid on the paper. If you are lacking equipment or training, skip this step and submit the specimens. They will be identified once they arrive.
- 2) Place the paper towels on the **white tray** to dry overnight at room temperature. The paper should be slightly moist to the touch, which usually takes between 8 – 12 hours, depending upon the humidity in the room. If your protocol uses thick paper for collections, this may take longer (24 – 48 hours).
- 3) Once the papers are dry place them back into the **Ziplock bags**. If you wish to accumulate a large number of egg papers before submitting the specimens for analysis add a slightly moistened piece of **sponge** (~1 in³) to an open **sandwich bag** and place it within the larger Ziplock bag.
- 4) Once the egg sheets are read to ship, fill out the [Specimen Submission Form](#) and send it to James Burtis jb766@cornell.edu to notify us of the impending delivery. Please also print out a copy and include in the package so that the label can be matched once it arrives at Cornell University.

Please send the package overnight* to the address below:

James Burtis
Tower Road East Blue Insectary
Cornell University
169 Helios Cir.
Ithaca, NY 14853

** If you require a fedex number to send the package overnight, one may be obtained by contacting James Burtis (jb766@cornell.edu). Please note, we cannot support shipping for all agencies, so please only request a fedex number if necessary.*