



Utah Department of Agriculture and Food  
 Entomology Laboratory  
 Honey Bee Diagnostic Testing Submission Form

Laboratory use only  
 Date Received: \_\_\_\_\_  
 Courier: \_\_\_\_\_  
 Lab Tech: \_\_\_\_\_

UDAF Entomology Lab — 4315 South 2700 West, TSOB South Bldg, Floor 2, PO Box 146500, Taylorsville, UT 84129-2128  
 Phone: (801) 982-2313 | Email: UDAF-Insects@utah.gov

**Contact Information:**

Results to:  Veterinarian  Beekeeper  Other (please specify): \_\_\_\_\_  
 Results by:  Email  Mail

Veterinarian _____	Beekeeper _____
Clinic _____	Company _____
Address _____	Address _____
City _____ State _____ Zip _____	City _____ State _____ Zip _____
Phone _____	Phone _____
Email _____	Email _____

**Sample ID (if submitting more than one sample):**

#1 \_\_\_\_\_ #2 \_\_\_\_\_ #3 \_\_\_\_\_ #4 \_\_\_\_\_ #5 \_\_\_\_\_  
 #6 \_\_\_\_\_ #7 \_\_\_\_\_ #8 \_\_\_\_\_ #9 \_\_\_\_\_ #10 \_\_\_\_\_

Location sample(s) collected at: \_\_\_\_\_  
 \_\_\_\_\_

Description of symptoms: \_\_\_\_\_  
 \_\_\_\_\_

**Test(s) Requested:**

*\*Please follow sampling instructions on the next page*

Brood pathogens

Adult pathogens and parasites

American foulbrood  
 (*Paenibacillus larvae*)

Nosema  Tracheal mites  
 (*Nosema spp.*) (*Acarapis woodi*)

European foulbrood  
 (*Melissococcus plutonius*)

Varroa mites  
 (*Varroa destructor*)

**Registered Utah beekeepers**

There is no charge for testing if the beekeeper is registered in the State of Utah.

Please include the beekeeper's registration #: 1201— \_\_\_\_\_

*\*If registration number is unknown, check this box and the lab will attempt to verify registration*

**Non-registered beekeepers & out of state submissions**

A charge of \$40 per sample is assessed for non-registered beekeepers and for out of state submissions.

Please indicate the person to be billed: \_\_\_\_\_

Submitted by: \_\_\_\_\_ Date: \_\_\_\_\_

*Note: The UDAF Entomology Lab reserves the right to modify tests requested for more efficient case work-up/and or to send specimens to outside laboratories.*

## **Sampling Instructions:**

### **To test for brood pathogens:**

**Swab sample:** Take a clean swab and stick it into 5-6 cells containing brood that display the most pronounced symptoms. Repeat this process with another clean swab and 5-6 different cells. Allow both swabs to dry completely before placing in a sealed container for shipping.

**Comb sample:** Using a clean hive tool, cut out a 2 x 2 inch square of comb containing as much of the dead or discolored brood as possible. No honey should be present in the sample. Place the section of comb in a paper bag, or loosely wrap it with paper towel or newspaper. Avoid air-tight wrappings such as plastic, aluminum foil, waxed paper, glass, etc. because they promote decomposition and the growth of mold.

### **To test for adult bee pathogens and parasites:**

Collect at least 1/2 cup of bees in a vial containing ethanol or isopropyl alcohol. Drain most of the alcohol before mailing.