



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 — 350 N. Redwood Rd. Salt Lake City, UT 84114 | 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:**

<u>Bacterial Disease</u>	<u>Fungal Disease</u>	<u>Parasites</u>	<u>Africanization</u>
<input type="checkbox"/> American Foulbrood ( <i>Paenibacillus larvae</i> )	<input type="checkbox"/> Nosema ( <i>Nosema spp.</i> )	<input type="checkbox"/> Varroa Mites ( <i>Varroa destructor</i> )	<input type="checkbox"/> Africanization ( <i>Apis mellifera scutellata</i> )
<input type="checkbox"/> European Foulbrood ( <i>Melissococcus plutonius</i> )	<input type="checkbox"/> Chalkbrood ( <i>Ascosphaera apis</i> )	<input type="checkbox"/> Tracheal Mites ( <i>Acarapis woodi</i> )	

**Registered 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

**Unregistered beekeepers**

A charge of \$28 per hour is assessed for unregistered beekeepers.

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 American and European foulbrood diseases:**

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. Take both swabs and place them in a paper envelope (do not put them in an air/water tight environment). Recommended: *Place sample in a cooler with an ice pack to avoid temperature extremes.*

### **To test for Nosema or Tracheal Mite:**

Collect at least 50 bees in a vial containing ethanol or isopropyl alcohol. Drain most of the alcohol before mailing.

### **To test for Africanization:**

Collect at least 100 bees in a vial containing ethanol or isopropyl alcohol. Drain most of the alcohol before mailing.

### **To test for Varroa mites:**

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

### **To test for Chalkbrood:**

Using forceps collect 10-15 affected brood in a vial containing ethanol or isopropyl alcohol. Drain most of the alcohol before mailing.