

CA Healthy Lactating Dairy Cattle Pre-Movement Testing and Importing Cattle Protocol – FOR PRODUCERS

Per the Federal Order:

- ✓ All lactating dairy cattle moving interstate require a CVI and matrix-A negative HPAI test from a NAHLN lab.
- ✓ Dairy cattle moving direct to slaughter are exempt from the test requirement but do require a CVI.
- ✓ Animals must be tested within 7 days of movement
- ✓ Lactating dairy cattle from herds which have tested positive for Influenza A are not eligible for interstate movement for thirty (30) days from the most recent collection of **any sample that tests positive from any individual animal in the herd**. Re-testing may occur after this 30-day period.
- ✓ Lactating dairy cattle with clinical signs consistent with HPAI in dairy cattle are ineligible for interstate movement as per 9 C.F.R. 71.3(b).
- ✓ Costs for testing will be covered by USDA; owner is responsible for sampling and shipping costs

In California:

- ✓ CAHFS-Davis is the only lab in California approved to conduct pre-movement testing.
- ✓ Results will be released within 3 days of receipt at the CAHFS-Davis lab
- ✓ If pre-movement testing is positive, the dairy/herd veterinarian will be contacted by CDFA AHB veterinarian to initiate an FAD investigation.

Prior to sample collection:

- ✓ Dairy/herd vet must obtain a premises ID (if the dairy does not have one, or does not know the number) by calling the local CDFA Animal Health Branch office or completing the [online form](#)
- ✓ Dairy/herd vet must ensure proper sampling supplies on-hand:
 - For milk collection: screw-top lid is preferred. Other options when in a bind are:
 - 10ml red top tubes.
 - 15ml sterile conical tubes
 - Please do **not** use 50ml snap cap vials because they leak in transit.
 - Sample submission form:
 - The [HPAI in Dairy Cattle submission form](#) can be found on the CAHFS website
- ✓ District office will have limited number of supplies to assist dairies/herd vets on an 'emergency' basis

Milk sample collection:

- ✓ The sample may be collected by an accredited veterinarian, or a state licensed veterinarian, or a designated sample collector under the supervision of a licensed or accredited veterinarian such as dairy herd personnel.
- ✓ For groups/lots of 30 or fewer animals moving interstate: all animals must be tested.
- ✓ For groups/lots of more than 30 animals moving interstate: representative samples from 30 animals total from the lot must be tested.

CA Healthy Lactating Dairy Cattle Pre-Movement Testing and Importing Cattle Protocol –
FOR PRODUCERS

Individual cow sampling protocol:

- ✓ Each functional quarter needs to be sampled.
- ✓ Milk from all functional quarters should be pooled in the same tube.
- ✓ Wash and disinfect teats before sampling
- ✓ Collect a total of 3-10ml of milk into a sterile, clean vial or tube of 10ml or larger.
- ✓ Close collection tube and label in the numerical order of sampling
- ✓ Scan/input animal ID's into Excel spreadsheet in the order of sampling along with date of sampling.

Shipping:

- ✓ Prior to shipping:
 - Scan or take a picture of the lab submission form
 - Email Excel spreadsheet of animal ID's and a copy of the lab submission form (two separate documents) along with the tracking number to hpai.labcoordinator@cdfa.ca.gov
- ✓ Put each tube into a whirlpack bag and put them in shipping container. Do not pack the shipping container too tight as tubes can unscrew themselves by rubbing.
- ✓ Maintain cold chain for all samples.
- ✓ Ship on wet ice to the CAHFS-Davis lab:
 - CAHFS, Davis
 - University of California, Davis
 - 620 W. Health Sciences Dr.
 - Davis, CA 95616
- ✓ Samples should never be stored in the freezer portion (-20C) of a standard refrigerator/freezer unit. Rather store milk in the refrigerator (4C) until shipping

If pre-movement testing is negative:

- ✓ Results will be sent to sample submitter
- ✓ Movement can proceed as planned

If pre-movement testing is positive:

- ✓ Results will be sent to sample submitter
- ✓ VIC/VMO contacts dairy and initiates CA Response to HPAI in Cattle Protocol.

Optional diagnostic services: Nasal swab sampling for non-lactating livestock:

- ✓ Collection
 - Use a single sterile swab with at least a 6 in handle to sample both nostrils, firmly brushing the mucosa in the nasal passage with the swab.
 - Place the swab in 1.5 ml of PrimeStore MTM tube, or as an alternative, BHI.
 - If no other option is available, sample with a swab pre-moistened with saline, place swab in a sterile red top tube with a couple of **drops** of saline, and seal the tube with swab inside.

CA Healthy Lactating Dairy Cattle Pre-Movement Testing and Importing Cattle Protocol –
FOR PRODUCERS

- If applicable, vigorously swirl the swab in the MTM or BHI media, express fluid by pressing the swab against the side of the tube, and remove the swab. Do not leave the swab in the MTM or BHI media.
- Label each tube in the numerical order of sampling and scan/input animal ID's into Excel spreadsheet in the order of sampling along with date of sampling

- ✓ Prior to shipping:
 - Scan or take a picture of the lab submission form
 - Email Excel spreadsheet of animal ID's and a copy of the lab submission form (two separate documents) along with the tracking number to hpai.labcoordinator@cdfa.ca.gov

- ✓ Shipping
 - Put each tube into a whirlpack bag and put them in shipping container. Do not pack the shipping container too tight as tubes can unscrew themselves by rubbing.
 - Samples collected in PrimeStore MTM do not need to be kept cold. For all other samples, maintain cold chain.
 - Ship to the CAHFS-Davis lab
 - Samples should never be stored in the freezer portion (-20C) of a standard refrigerator/freezer unit