

**§ 146.13**

**9 CFR Ch. I (1–1–07 Edition)**

employee to whom authority has heretofore been delegated or to who authority may hereafter be delegated to act in his or her stead.

(b) [*Reserved*]

**§ 146.13 Testing.**

(a) *Samples.* Either egg or blood samples may be used for testing. Samples must be collected in accordance with the following requirements:

(1) *Egg samples.* Egg samples must be collected and prepared in accordance with the requirements in §147.8 of this subchapter.

(2) *Blood samples.* Blood samples obtained in the slaughter plant should be collected after the kill cut with birds remaining on the kill line. Hold an open 1.5 mL snap cap micro-centrifuge tube under the neck of the bird directly after the kill cut and collect drips of blood until the tube is half full. Keep the blood tubes at room temperature for the clot to form, which should require a minimum of 4 hours and a maximum of 12 hours. Refrigerate the tube after the clot has formed. Put tubes in a container and label it with plant name, date, shift (A.M. or Day, P.M. or Night), and flock number. After the clot is formed, the clot should be removed by the Authorized Agent in order to ensure good-quality sera. Prepare a laboratory submission form and ship samples with submission forms to the laboratory in a polystyrene foam cooler with frozen ice packs. Submission forms and the manner of submission must be approved by the Official State Agency and the authorized laboratory to ensure that there is sufficient information to identify the samples and that the samples are received in an acceptable condition for further tests to be reliably performed. Blood samples should be shipped routinely to the laboratory. Special arrangements should be developed for samples held over the weekend to ensure that the samples can be reliably tested. Blood samples for official tests shall be drawn by an Authorized Agent or State Inspector.

(b) *Avian influenza.* The official tests for avian influenza are the agar gel immunodiffusion (AGID) test and the enzyme-linked immunosorbent assay (ELISA). These tests may be used on

either egg yolk or blood samples. Standard test procedures for the AGID test for avian influenza are set forth in §147.9 of this subchapter.

(1) The AGID test must be conducted on all ELISA-positive samples. Any samples that are found to be positive by AGID must be further tested and subtyped by Federal Reference Laboratories using the hemagglutination inhibition test. Final judgment may be based upon further sampling or culture results.

(2) The tests must be conducted using antigens or test kits approved by the Service. Test kits must be licensed by the Service and approved by the Official State Agency, and tests must be performed in accordance with the recommendations of the producer or manufacturer.

(3) The official determination of a flock as positive for the H5 or H7 subtypes of low pathogenic avian influenza may be made only by the National Veterinary Services Laboratories.

**§146.14 Diagnostic surveillance program for H5/H7 low pathogenic avian influenza.**

(a) The Official State Agency must develop a diagnostic surveillance program for H5/H7 low pathogenic avian influenza for all poultry in the State. The exact provisions of the program are at the discretion of the States. The Service will use the standards in paragraph (b) of this section in assessing individual State plans for adequacy, including the specific provisions that the State developed. The standards should be used by States in developing those plans.

(b) Avian influenza must be a disease reportable to the responsible State authority (State veterinarian, etc.) by all licensed veterinarians. To accomplish this, all laboratories (private, State, and university laboratories) that perform diagnostic procedures on poultry must examine all submitted cases of unexplained respiratory disease, egg production drops, and mortality for avian influenza by both an approved serological test and an approved antigen detection test. Memoranda of understanding or other means must be used to establish testing and reporting criteria (including criteria that provide