

## Attachment 11-6: Quarantine Requirements for the Importation of Frozen Canine Semen

1. The quarantine requirements regulate the importation of frozen semen of the canine (hereinafter referred to as “canine semen”).
2. Testing referred to in these requirements must be conducted by laboratories owned, designated or approved by the government of the exporting country using methods listed in these requirements; or prescribed, recommended or considered suitable by the World Organisation for Animal Health (OIE) Manual of Diagnostic Tests and Vaccines for Terrestrial Animals (hereinafter the OIE Manual) for confirmation of population or individual animals being free from infection with pathogens of corresponding diseases. For diseases with no such testing methods prescribed, recommended or considered suitable in the OIE Manual, methods that have been published in international scientific journals may also be used.
3. The importer of canine semen shall be the veterinary animal care facility with an operation permit issued by the competent authority of the importing country in accordance to the Veterinarian Act.
4. For the donor male dog, the following requirements shall be complied with:
  - 4.1 Donor male dogs have been raised in the exporting country for at least 1 year or since birth prior to collection.
  - 4.2 Donor male dogs have been raised in establishments supervised by a competent authority of the exporting country.
  - 4.3 Donor male dogs are not vaccinated against rabies with live vaccines.
  - 4.4 The following tests/treatments shall be conducted and must have negative results within 30 days prior to collection:
    - 4.4.1 For leptospirosis: The microscopic agglutination test (MAT) for leptospirosis (*Leptospira icterohaemorrhagiae* and *L. canicola*) with negative results (agglutination is less than 50% at the dilution of 1:100).
    - 4.4.2 For brucellosis: The serum agglutination test for *Brucella canis* with a negative result (agglutination is less than 50% at the dilution of 1:100), and the donor male dogs are not naturally mated during the period after blood collection for the brucellosis test and prior to the semen collection.
    - 4.4.3 Other tests that are provisionally designated by the import/export animal quarantine authority of the importing country in response to international epidemic.
  - 4.5 The animal shall be treated with doxycycline at a therapeutic dose rate for 14 consecutive days, or dihydrostreptomycin at a therapeutic dose rate for 5 consecutive days when the result of MAT for leptospirosis mentioned in Article 4.4.1 is positive (agglutination is greater than 50% at the dilution of 1:100).

- 4.6 For importation of canine semen from a country (zone) not recognized as being free from rabies by the competent authority of the importing country, the donor male dogs are vaccinated with primary inactivated vaccines against rabies at the age of at least 3 months old and with booster vaccines regularly. The semen shall be collected within 90 days to 12 months after the primary vaccination or within 12 months after a booster vaccination. Blood samples of donor male dogs are sampled no less than 30 days after rabies vaccination and tested for neutralization antibody titer with results of at least 0.5 IU/ml.
- 4.7 No clinical signs of the diseases listed in Article 5 are found on donor male dogs by official veterinarians or veterinarians accredited by the exporting country on the day of collection and after the 21 day of collection.
5. In the establishments mentioned in Article 4, no cases of rabies, brucellosis, and leptospirosis have been confirmed in the previous year prior to collection; and no cases of Nipha virus infection and canine herpes virus infection have been confirmed in the past 6 months.
6. The storage and transportation of canine semen shall be comply with the following requirements:
- 6.1 The containers (ampules, vials and straws) with semen are sealed by official veterinarians or veterinarians accredited by the exporting country immediately after collection.
- 6.2 The microchip numbers of donor male dogs shall be indelibly marked on the sealed containers containing the semen.
- 6.3 The tank or container marked with the following information are cleaned and sterilized before use and only added with new liquid nitrogen: names, breeds and microchip numbers of donor male dogs, collection date, names of the establishments where donor male dogs were raised, the quantity of each consignment, the country of destination, and name and address of the importer or company.
- 6.4 The sealed consignment has to be stored in premises approved by the exporting country prior to export.
7. The sealed canine semen diluents shall not be contaminated by any pathogen of Newcastle disease, highly pathogenic avian influenza, foot and mouth disease (FMD) and bovine spongiform encephalopathy.
8. The collection, processing, storage and transportation of semen shall not be contaminated by the pathogens of infectious animal diseases.
9. Each consignment shall be accompanied by an original veterinary certificate issued by the veterinarians of the animal quarantine authority of the exporting country. The certificate shall state the following information in English or Chinese:

9.1 Origin:

9.1.1 Total quantity;

9.1.2 Date of collection;

9.1.3 Breed, microchip numbers and date of birth of donor male dogs;

9.1.4 The exporting country;

9.1.5 Name of the veterinarians conducting semen collection and name and address of their agency;

9.1.6 Name and address of the establishments of origin of the donor male dogs;

9.1.7 Name and address of the exporter.

9.2 Destination:

9.2.1 Country of destination; and

9.2.2 Name and address of the importer.

9.3 Result of the quarantine:

9.3.1 Statement attesting that the semen fulfills the requirements stipulated in Articles 4 to 8;

9.3.2 Date of sampling, and methods, dates and results of the tests. The name of the journals, the publication date, and title of the associated articles are required when using methods published in international scientific journals; and

9.4 Date of issuance, name and official stamp of the issuing authority, and name and signature of the issuing officer.