

**Veterinary Health Certificate for Export of
In-Vitro Fertilized Bovine Embryos from the United States of America to Canada**



Veterinary Authority

UNITED STATES DEPARTMENT OF AGRICULTURE

Date Of Issue

Certificate Number

Certification Statements:

FEMALE DONORS (Only live animal donors are allowed).

The animal(s) and donor animal(s) originate from a herd certified free from brucellosis as follows:

1)The herd of origin is recognized free from brucellosis by the central veterinary service of the country of origin.

The animal(s) or donor animal(s) originate from a herd certified free from tuberculosis.

1) The herd of origin is recognized free from tuberculosis by the central veterinary service of the country of origin.

Or;

The herd was tested twice by an intradermal test using bovine tuberculin with negative results within twenty-four (24) months immediately prior to the date of collection of the germplasm or the date of export of the animal(s) or thing(s).

(Delete as appropriate)

The donor animal(s) are certified for Bluetongue as follows:

EITHER

The donor animals have not resided in the state of Florida for the 60 days immediately preceding collection;

OR

The donor animals have been tested with negative results using the C-ELISA test on samples taken from the donor between 21 and 60 days after collection.

OR

The donor animals were subjected to a PCR test on a blood sample taken on the day of collection, with negative results.

The donor animal(s) are certified for Vesicular Stomatitis as follows:

1)All premises on which the animal(s) or source animal(s) have resided in the past twenty-one (21) days have been free from clinical and epidemiological evidence of vesicular stomatitis virus during the twenty-one (21) days immediately prior to movement of the animal(s) off the premises or to collection.

Period of Residency of the donor dam at the collection facility: _____

The residency of the donor animal(s) of the oocysts or embryos presented for importation is(are) certified as follows (Delete as appropriate):

1)The donor animal(s) of the germplasm presented for importation have been continually resident in Canada or in the country or state of origin either for: 1. a minimum of sixty (60) days immediately preceding collection. Any required pre-export quarantine period is in addition to the 60 days of residency;

OR

2) Have been resident since birth.

The donor animal(s) is(are) certified free from communicable disease as follows:

1)The animal(s) from which the exported germplasm was sourced have been examined and found free from clinical evidence of communicable disease during every procedure related to the preparation and collection of germplasm.

MALE DONORS

(Delete as appropriate)

1) The embryos have been conceived with semen from a donor sire standing at a semen collection centre approved for that purpose by the central veterinary service of the country of origin. Name and approval number of the semen collection center: _____

OR

The donor sire(s) used to fertilize the exported embryos is certified as having met the same residency and zoosanitary requirements as would be needed for the donor sire(s) to be eligible to enter an approved collection centre for the collection of semen for exportation to Canada.

OR

2) The exported embryos have been conceived by artificial insemination with semen legally imported in accordance with the requirements of the United States of America.

COLLECTION AND PROCESSING OF GERMPLOASM

Cleaning and sterilization of equipment (e.g. ultrasound guided probes) is carried out between each donor in accordance with the recommendations in the Manual of the International Embryo Transfer Society (IETS).

The collection/processing of the germplasm (oocytes and embryos) is in compliance with the latest relevant chapter of the OIE code.

1)The embryos have been washed, treated and processed in accordance with the protocol detailed in the Manual of the International Embryo Transfer Society (IETS); for washings and treatments, this means that ten (10) washings and two (2) trypsin treatments are required in the following sequence: 5 washing - 2 trypsin treatments - 5 washings.

2) The zona pellucida of the embryos was examined on the entire surface using a magnification of not less than 50X and certified intact and free of adherent material.

3) The germplasm was collected, washed, treated and processed in accordance with the protocol included in the International Zoo Sanitary Code, of the O.I.E., Chapter 4.7 and Chapter 4.8 as applicable, by an Embryo Transfer Team under the supervision of a team veterinarian officially approved under the E.E.C. guidelines for the export of embryos by the United States Department of Agriculture or certified by the American Embryo Transfer Association.

Embryo collection team and collection facility when stated below refer to the team and facility(ies) involved in the collection, treatment and processing/production of oocytes and IVF embryos.

The exported embryos must have been collected and processed by an embryo collection team approved by the central veterinary service of the country of origin.

The facility(ies) at which the germplasm was collected and processed have not been subject to any restriction or quarantine measure with respect to animal disease.

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The germplasm has been collected and processed at a facility under the supervision of a veterinarian designated for this purpose by the central veterinary authority of the country of origin.

Fluids, media and ingredients of animal origin used for collection, processing, freezing or transport have been sterilized in accordance with the Manual of the International Embryo Transfer Society. Antibiotics must be added to the collection, washing, processing and storage media in accordance with the Manual of the International Embryo Transfer Society.

The entire surface of the zona pellucida of each embryo has been examined at not less than 50X magnification and found intact and free from adherent material, prior to freezing or shipment of the embryos to Canada.

Micromanipulated embryos have been examined prior to any micromanipulation which involves penetration of the zona pellucida. Straws or ampules contain embryos from only one donor. The cryogenic or cooling agents used in the process have not been used in association with any other product of animal origin. The straws or ampules are sealed prior to the time of freezing.

The embryos presented for import into Canada have been collected, processed and stored in a hygienic manner that prevented contamination with pathogenic microorganisms. All material with animal ingredients used in the processing of the embryos have been sourced and processed to prevent introduction of pathogenic microorganisms. All equipment used to collect, handle, wash, freeze and store the embryos presented for import into Canada have been new, or sterilized prior to use.

Embryos presented for importation into Canada have been stored in a sealed container in ampules, straws or other receptacles indelibly marked in accordance with the recommendations of the International Embryo Transfer Society (IETS) for labeling. The receptacles are labeled with at least the following information: practitioner code, donor breed, donor registration number, donor management number or barn name or tattoo, sire registration number, straw number, number of embryos in receptacle (if greater than one), and freezing date. The tanks or containers used to transport the genetic material to Canada have been sealed by the officially accredited veterinarian of the collection center in the country of origin in a manner to preclude opening. The seals may only be removed under the supervision of an inspector designated under the Health of Animals Act. Shipments arriving with seal requirements compromised (missing, broken, etc) will be investigated and dealt with according to the CFIA national policy.

NOTE: ALL LINE-OUTS MUST BE INITIALED

Name of Accredited Veterinarian	Name of USDA Veterinarian
Signature of Accredited Veterinarian	Signature of USDA Veterinarian
Date	Date and USDA Stamp