

Veterinary Health Certificate for Export of *In Vivo*-Derived Bovine Embryos from the United States of America to India



Veterinary Authority
UNITED STATES DEPARTMENT OF AGRICULTURE

Date Of Issue

Certificate Number

1. Consignor:
Name :

Address :

Contact No. :

E-mail(optional) :

2. Consignee:
Name :

Address :

Contact No. :

E-mail(optional) :

3. Country Of Origin:
United States of America

4. State Of Origin:

5. Country Of Destination:
India

6. Zone Of Destination:

7. Place Of Origin:
Name :

Address :

Contact No. :

E-mail(optional) :

8. Port Of Embarkation:

9. Estimated Date Of Shipment:

10. Means Of Transport:

11. *****

12. CITES Permit Number:

13. Description Of Commodity:
Bovine embryos

14. Date of Inspection:

15. Total Quantity:

16. Additional Information: Place of Destination:
Name :
Address :

17. Total Number Of Packages/Containers:

18. Identification / Seal Numbers:

19. Commodities Intended Use:

20. Type Of Admission:
Permanent

21. Identification Of Commodities:
See Attachment 1

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Certification Statements:

I, the undersigned USDA accredited veterinarian, certify, with respect to the donor animals and embryos identified in this certificate, that:

1. The United States is free from foot-and-mouth disease (Type C, SAT-1,2,3), contagious bovine pleuropneumonia, lumpy skin disease, and Rift Valley fever. Schmallenberg virus infection has never been reported in the United States.
2. The donor dam:
 - a. Was inspected by a veterinarian at the time of collection and showed no clinical signs of diseases transmissible through bovine embryos.
 - b. Was born in and has been continuously residing in the United States;
OR
Was legally imported into the United States and has been residing in the United States for at least 6 months prior to collection.
 - c. Bovine tuberculosis (TB):
Was kept in an officially TB free zone since birth;
OR
Was kept in a TB free herd and was subjected to a tuberculin test performed at least 21 days and not more than 365 days after embryo collection, with negative results;
OR
Was subjected to two tuberculin tests, with at least 60 days between the tests and the first test performed at least 21 days after embryo collection, with negative results.
 - d. Trichomoniasis:
The semen used to fertilize the ova was collected from a donor sire that has never been used for natural service OR was tested negative for Trichomoniasis; AND the donor dam has never been subjected to natural breeding;
OR
Direct microscopic examination and culture of vaginal mucus of the donor dam for the presence of the causative agent of Trichomoniasis was conducted within 21 to 60 days after embryo collection, with negative results.
 - e. Paratuberculosis:
Was subjected to Delayed Type Hypersensitivity Test (DTH) or Fecal Culture or Enzyme Linked Immunosorbent Assay (ELISA) at least 21 days and not more than 365 days after embryo collection, with negative results.
3. The embryos were collected and processed in accordance with the recommendations of the International Embryo Transfer Society (IETS) by an approved embryo collection team under the supervision of the team veterinarian who is accredited by the USDA and/or certified by the American Embryo Transfer Association (AETA). The embryo collection team is approved by the USDA and undergoes annual inspection.
4. The embryos were processed in a laboratory protected against rodents and insects, under the supervision of the embryo collection team veterinarian. No embryos collected from donor dams with a lesser health status were processed at the same time.
5. The embryos were stored in liquid nitrogen for a minimum period of 30 days after collection.
6. The semen used to fertilize the ova was collected from a donor sire that meets all the requirements for import of bovine semen into India.
7. The zona pellucida of each embryo was examined over its entire surface area and found intact and free of adherent material and was washed and treated with trypsin, in accordance with the World Organization for Animal Health (OIE) Terrestrial Animal Health Code.
8. Media and solutions used in the collection and storage of embryos were sterilized in accordance with the IETS Manual and handled in such a manner as to ensure that sterility was maintained.
9. The embryos were stored in sterile straws in new or cleaned and disinfected liquid nitrogen containers under strict hygienic conditions in a storage place under the supervision of the embryo collection team veterinarian.
10. Straws are sealed at the time of freezing and labeled in accordance with the IETS manual.

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Certification Statements (continued):

11. Details of the tests performed on the donor dam:

Donor Dam	Bovine Tuberculosis		Trichomoniasis	Paratuberculosis	
	Date on Test 1 (if applicable)	Date on Test 2 (if applicable)	Test Date (if applicable)	Test Name	Test Date

No testing is necessary for diseases for which freedom status has been certified.

Name of Accredited Veterinarian	Name of USDA Veterinarian
Signature of Accredited Veterinarian	Signature of USDA Veterinarian
Date	Date

Attachment 1 – Identification of Donor Dam(s) and Sire(s), Embryos, and Approved Embryo Collection Team(s)

Donor Dam	Donor Sire	Embryos	Approved Embryo Collection Team
Breed: Identification number: Date of birth: Country of birth:	Breed: Identification number: Date of birth: Country of birth:	Date of embryo collection: Cane ID: Number of embryos:	Name: Address:
Breed: Identification number: Date of birth: Country of birth:	Breed: Identification number: Date of birth: Country of birth:	Date of embryo collection: Cane ID: Number of embryos:	Name: Address:
Breed: Identification number: Date of birth: Country of birth:	Breed: Identification number: Date of birth: Country of birth:	Date of embryo collection: Cane ID: Number of embryos:	Name: Address:
Breed: Identification number: Date of birth: Country of birth:	Breed: Identification number: Date of birth: Country of birth:	Date of embryo collection: Cane ID: Number of embryos:	Name: Address:
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Breed: Identification number: Date of birth: Country of birth:	Breed: Identification number: Date of birth: Country of birth:	Date of embryo collection: Cane ID: Number of embryos:	Name: Address: