# Veterinary Health Certificate
# for the export of bovine embryos to Australia from the Republic of Ireland
# (except embryos subject to penetration of the zona pellucida)

**IMPORT PERMIT NUMBER:** _____

Australia — Veterinary certificate from the EU

**Part I : Details of dispatched consignment**

| | | | |
|---|---|---|---|
| I.1. Consignor<br>Name<br>Address<br>Country | | I.2. Certificate reference No | I.2.a. Import licence number: |
| | | I.3. Central competent authority | |
| | | I.4. Local competent authority | |
| I.5. Consignee<br>Name<br>Address<br>Country | | I.6. Person responsible for the consignment in Australia | |
| I.7. Country of origin / ISO code | I.8. Region of origin | I.9. Country of destination / ISO code | I.10. Region of destination |
| I.11. Place of origin<br>Name / Approval number<br>Address | | I.12. Place of destination<br>Name / Approval number<br>Address<br>Postal code | |
| I.13. Place of loading<br>Name<br>Postal code/ Region | | I.14. Date and time of departure | |
| I.15. Means of transport<br>Aeroplane ☐ Ship ☐ Railway wagon ☐<br>Road vehicle ☐ Other ☐<br>Identification:<br>Number(s): | | I.16. Entry point into Australia | |
| | | I.17. | |
| I.18. Temperature of product<br>Frozen ☐ | | I.19. Total Gross Weight | I.20. Total number of packages |
| I.21. Seal/Container numbers | | | |
| I.22. Commodities certified for:<br>Artificial reproduction ☐ | | | |
| I.23. For transit through EU to 3rd Country ☐<br>3rd country / ISO code | | I.24. ☐ | |
| I.25. Identification of the commodities<br>Custom code and title:<br>Species (scientific name) / Breed / Breed/category (embryos) / Donor identity / Date of collection<br>Approval number of the team / Quantity | | | |

I, the undersigned official veterinarian, certify that:

## (A) ANIMAL HEALTH

**1.**

a. Foot and mouth disease

The Republic of Ireland is free from Foot and Mouth Disease.

The embryos were not collected in the Republic of Ireland: between 1 February 2001 and 22 June 2001 (inclusive of these dates).

b. Lumpy skin disease

The Republic of Ireland is free from Lumpy Skin Disease.

**2.** Each donor (both female and male) has been continually resident and free from any quarantine restriction for the 90 days immediately prior to collection in a Member State or States of the European Union, recognised by the Australian Government and the OIE as foot and mouth (FMD) free where vaccination is not practised and met the World Organisation for Animal Health (OIE) Code Article definitions of country freedom from:

- Rinderpest
- Vesicular stomatitis
- Contagious bovine pleuropneumonia
- Lumpy skin disease
- Rift valley fever.

**3. Bluetongue (BT)**

Prior to the export of this consignment each female embryo donor has been certified as follows for Bluetongue:

**(a)**

- A competitive enzyme linked immunosorbent assay (cELISA) for antibody to the bluetongue virus (BTV) group on a blood sample, with negative results, between 28 and 60 days after the collection of embryos for this consignment.

OR

- A bluetongue virus isolation test or an approved real time reverse- transcriptase polymerase chain reaction (RT- PCR) test* on a blood sample taken on the day of collection of embryos for this consignment, with negative results.

| National Id. No. | Test Date | Test Type | Test Results |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |

*(* Real time reverse transcriptase- polymerase chain reaction (RT-PCR) tests must be approved by the competent authority and be able to detect all known 24 BTV serotypes. These tests must use*

*primer sequences directed against highly conserved segments of the BTV genome which code for BTV serogroup (not serotype). An example of an appropriate test is the TaqMan real time RT-PCR test according to the method of Shaw et al. (2007), which uses two primers directed against segment 1 of BTV ribonucleic acid (RNA).*

*All tests for BTV should be validated according to the current OIE Manual of diagnostic tests and vaccines for Terrestrial Animals, calibrated to a diagnostic sensitivity of at least 98.0% and carried out in a laboratory approved by the competent authority of the exporting country.*

*Serological testing for BTV antibodies with agar gel immune-diffusion (AGID) tests should not be used).*

**AND**

**(b)** Donors vaccinated against BTV: Yes / No

If Yes, vaccines against BTV administered to embryo donors must be:

- inactivated, and
- approved by the competent authority in the exporting country, and
- administered more than 60 days before embryo collection for this consignment.
- Name of BTV vaccine used: …….....…
- Date of administration of BTV vaccine to embryo donor ….....

*(The veterinary certificate must indicate the option that applies).*

**4. Bovine pestivirus (BVD)**

Prior to the export of this consignment of embryos each female donor gave a negative result to one of the following tests for bovine pestivirus:

- an antigen-capture enzyme-linked immunosorbent assay (ELISA) on peripheral blood leucocytes

OR

- a virus isolation test on blood or serum.

*(The veterinary certificate must indicate the option that applies).*

| National Id. No. | Test Date | Test Type | Test Results |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |

**5. Schmallenberg virus**

Prior to the export of this consignment each embryo donor has been certified as follows for Schmallenberg virus either:

The embryos were collected before 1 June 2011

or

For embryos collected on or after 1 June 2011, a virus neutralisation test or approved indirect ELISA for antibody to the Schmallenberg virus on a blood sample collected

either

- between fourteen (14) and sixty (60) days after the last collection of embryos from the donor for this consignment with negative results

or

- between fourteen (14) and sixty (60) days before first collection of embryos from the donor for this consignment with positive results.

*(The veterinary certificate must indicate the option that applies).*

| National Id. No. | Test Date | Test Type | Test Results |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |

**NB: Laboratory reports for all Schmallenberg virus testing must be provided and attached to the veterinary health certificate.**

**CERTIFICATE NO.: _____** **IMPORT PERMIT NUMBER: _____**

**SEAL NO: DAFM _____**

## (B) APPROVED PREMISES, HANDLING, STORAGE and SHIPPING

**Approval of embryo collection team veterinarian under EU legislation for export to Australia**

| | |
|---|---|
| Name of premises where the embryos were originally collected: | Name of approved team veterinarian: |
| Address of premises: | Telephone:<br><br>Fax: |

**6. Process:**

The embryos in this consignment were fertilised in vivo, collected, processed and stored under conditions which comply with the standards laid down in EU Council Directive 89/556/EEC, including the requirements of Chapter II of this Directive.

**7. Micromanipulation:**

The embryos in this consignment were not subjected to micromanipulation involving breaching of the zona pellucida and all had intact zona pellucida at the time of storage.

**8. Storage at Approved Centre(s) or Laboratory(ies)**

From the time of collection until export, the reproductive material in this consignment was stored:

- in sealed containers (e.g. straws, ampoules or vials) and identified in a legible and non-erasable manner as specified in this veterinary certificate
- only with other embryos or semen collected for export to Australia, or of equivalent health status
- in a secure place within an approved centre or laboratory and under the direct supervision of the Approved Veterinarian(s), and
- in containers containing only new, unused liquid nitrogen.

**9. Further processing or aggregation**

For this reproductive material, either

- After leaving the approved centre under seal in shipping containers (liquid nitrogen shippers/tanks), the reproductive material was NOT removed from sealed containers (e.g. straws, ampoules or vials) for further processing or removed from the shipping container(s) for aggregation with other reproductive material.

or

- The reproductive material was shipped to another approved centre or laboratory under seal in shipping containers (liquid nitrogen shippers/tanks) and removed from sealed containers (e.g. straws, ampoules or vials) for further processing (e.g. sex sorting) or for aggregation:

- with other reproductive material collected for export to Australia, or of equivalent health status
- at an approved centre or laboratory and
- under the direct supervision of the Approved Veterinarian(s).

The date(s) of transfer between the approved centre(s) or laboratory(ies), reason for transfer(s) (e.g. for sex sorting), name(s) of the approved centre(s) or laboratory(ies) and the Approved Veterinarian(s) are listed against the shipping container/s on this certificate before departure from the approved centre or laboratory. The unique seal number of each shipping container is included in this documentation.

***NOTE:*** *For transfers to another approved centre or laboratory, the Approved Veterinarian must ensure the shipping containers are transferred under seal as described below:*

- Date of transfer.....
- Reason for transfer.....
- Name of approved centre/laboratory.....
- Approved veterinarian(s).....
- Shipping container seal number(s).....

*(The veterinary certificate must indicate the option that applies).*

**10. Shipping containers (Liquid nitrogen shippers/tanks)**

The shipping container was new

OR

Prior to loading, the shipping container was emptied and inspected and any loose straws removed. The shipping container, including all surfaces in contact with the straws, ampoules or vials was then disinfected with one of the following disinfectants: 2% available chlorine (e.g. chlorine bleach), 2% Virkon or irradiated at 50 kGy.

- Date of disinfection/ irradiation…….....……...
- Disinfectant used.....

**CERTIFICATE NO: _____** **IMPORT PERMIT NUMBER: _____**

**SEAL NO: DAFM _____**

- Active ingredient…….....…….....

*(The veterinary certificate must indicate the option that applies).*

**11. Official Government Seals**

Under my direct supervision prior to export to Australia:

- the containers (e.g. straws, ampoules or vials) for reproductive material in this consignment were checked as being sealed.
- the identity of the reproductive material was checked prior to being placed into new, unused liquid nitrogen in a shipping container for export that was new or disinfected as specified in Point 10 above in this veterinary certificate
- Only reproductive material that met Australian import conditions was added to the shipping container
- The shipping container was sealed with an official government seal and the number or mark on the seal is recorded on the certificate.
- Shipping container official government seal number…….....

**Signed :- _____ Official Veterinarian.**

**Name in block capitals:_____**

**Address: _____**

**Date:_____ _____ Stamp:**