

**PROTOCOL BETWEEN  
THE GENERAL ADMINISTRATION OF QUALITY SUPERVISION,  
INSPECTION AND QUARANTINE OF THE PEOPLE'S REPUBLIC OF  
CHINA AND THE NATIONAL SANITARY VETERINARY AND FOOD  
SAFETY AUTHORITY OF ROMANIA ON QUARANTINE AND HEALTH  
REQUIREMENTS FOR BOVINE GENETIC MATERIAL TO BE  
EXPORTED FROM ROMANIA TO THE PEOPLE'S REPUBLIC OF  
CHINA**

The General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China (hereafter the Chinese side) and the National Sanitary Veterinary and Food Safety Authority Of Romania (hereafter the Romanian side), through friendly negotiations, have agreed to the following quarantine and health requirements for bovine genetic material - (frozen bovine semen) to be exported from Romania to the People's Republic of China:

**Article 1**

According to the respective laws and regulations, the Chinese side and the Romanian side shall be responsible for the implementation of this protocol.

**Article 2**

1. The Romanian side shall be responsible for the implementation of the quarantine and inspection for the donor bull(s), teaser animal(s) and semen. After having confirmed that the Chinese importer has received the import permit (Chinese side shall provide a sample of import permit to Romanian side) for importation of bovine semen issued by the Chinese side, the Romanian side may start to conduct the quarantine and inspection procedure for the donor bull(s), teaser animal(s) and semen in accordance with this Protocol.
2. Each import permit can only allow for importation of one consignment of bovine semen.

**Article 3**

Each consignment of bovine semen shall be accompanied with a veterinary health certificate issued by the Romanian side.

1. The Romanian side shall provide a specimen of veterinary health certificate to the Chinese side for approval before it becomes valid.
2. The issued veterinary health certificate shall be one original and two duplicate copies with contents including the requirements of articles 5 to 12.
3. The veterinary health certificate shall be typed. Handwritten or altered versions are invalid.
4. The veterinary health certificate must be validated with the official stamp of the authorized department of the Romanian side, the signature and print name of an

official veterinary officer, and date of signing.

5. The veterinary health certificate shall accompany the semen and be shipped to China together. The veterinary health certificate shall include the general information of the consignment such as the name and address of consignor and consignee, the means of transport and etc.

6. Should the semen arrive at the Chinese port of entry with an invalid veterinary health certificate or without a veterinary health certificate, the semen shall be rejected or destroyed.

#### Article 4

The Romanian side should recommend the Chinese side with a list of the Artificial Insemination (AI) centres, which meet the requirements of the protocol. The Chinese side sends official veterinarian(s) to carry out on-site inspections for registration. The semen to be exported can only be from registered AI Centres.

#### Article 5

The Romanian side confirms that, based on OIE standards, Romania is free of Foot-and-mouth Disease, Rinderpest, Vesicular stomatitis, Contagious Bovine Pleuropneumonia, Lumpy Skin Disease, Rift Valley Fever, bovine brucellosis, Peste des petits ruminants and Epizootic haemorrhagic disease of deer.

If any of above diseases occurs, the Romanian side shall inform the Chinese side timely of the relative information, including the name of disease, the geographic coordinates and address of infected farm(s), the species and quantity of the infected animal(s), and the measures taken to control the disease spreading. Moreover, the Romanian side shall, without any delay, stop the exporting of semen from whole country to China.

#### Article 6

The Romanian side confirms that:

During the past three years, there were no clinical symptoms or laboratory positive record of following diseases in the AI centres for exporting semen: Blue Tongue, Bovine spongiform encephalopathy (BSE), Schmallenberg Disease, bovine tuberculosis, enzootic bovine leucosis, mucosal disease (BVD/MD), infectious bovine rhinotracheitis (IBR), paratuberculosis, campylobacteriosis, anaplasmosis, trichomoniasis and leptospirosis. (for bluetongue starting with the entry into force of this protocol, all the semen donors will be tested).

If any of above diseases occurs in AI Centres, the Romanian side shall inform the Chinese side timely of the relative information, including the disease name, the name and address of infected AI Centre(s), the species and quantity of the

infected animal(s), and the measures taken to control the disease spreading. At the same time, the Romanian side shall stop exporting the semen of the original AI Centre to China.

#### Article 7

AI Centres for exporting semen shall:

1. Be established with approval of the Romanian side under the Romania and European community legislations and meet the requirements of this protocol;
2. Be supervised by the Romanian side;
3. Be located in areas included in a national surveillance program conducted in accordance with OIE guidelines for prevention, control and eradication of bovine spongiform encephalopathy (BSE);
4. Meet the OIE standards for production and processing of semen.

#### Article 8

All resident animals including donor bulls and teasers in AI Centre shall be regularly tested in accordance with the European community and Romanian regulation.

#### Article 9

The donor bulls shall:

1. Have been continuously resident in the AI centre for at least 12 months and be at least two years old, have not been used for natural mating.
2. Be born after the date of implementation of the feed ban (Aug. 8, 1994) and have never been fed with feedstuff with mammalian tissue proteins.
3. If imported, be from countries where, compared with Romania, there are an equivalent or lower BSE risk and an equivalent ruminant feed ban. The donor bulls shall be born after the date on which the ban was implemented.
4. Have unique and permanent identification tags, have been registered by Romanian side and are traceable.
5. Have been confirmed free from the following genetic diseases: Fishy Off-flavour in milk for Ayrshire, 1/29 Robertsonian Translocation for Ayrshire and Siementhal, Bovine Leukocyte Adhesion Deficiency for Holstein and Complex Vertebral Malformation for Holstein.
6. Not be vaccinated against Bluetongue.
7. Be clinically healthy within 24 hours before semen collection. During semen collection period, the donor bulls and teasers shall not contact with other animals which have lower health situation.
8. The donor bulls and teasers shall be tested for the diseases mentioned in the annex of this Protocol in laboratories officially approved by the Romanian side. The positive animals shall be removed immediately and all the semen of them cannot be exported to China.

#### Article 10

The semen to be exported shall meet the following requirements:

1. Each semen consignment shall be collected and handled in accordance with OIE recommended standards and be packed, stored and sealed under the supervision of the accredited veterinarian(s) of the Romanian side. The seal identification shall be marked clearly on the veterinary health certificate.
2. The semen straws shall be marked with the collection date, donor bull's code and registration number of the center from Romania.
3. On veterinary health certificate, the following information shall be stated clearly: the name and address of the registered AI Centres, the number of semen straws , the method of dilution and final semen concentration or the density of active spermatozoa, the components of the dilution, antibiotics added per ml recommended by OIE(not less than 500IU streptomycin, 500IU penicillin, 150ug lincomycin, 300ug spectinomycin or 250µg gentamicin, 50µg tylosin, 150µg lincomycin, 300µg spectinomycin; or 75µg amikacin A, 25µg divekacin)and the concentration of other ingredients, the results and date of tests about donor animals.

#### Article 11

The Romanian side confirms that the liquid nitrogen tank and vehicles used for semen storing and transportation are disinfected with valid disinfectants. All the semen exported to China must be stored in a separate tank or with the semen fulfil same requirements.

#### Article 12

From the beginning of semen collection to its shipment, the donor bulls shall have been free from any evidence of diseases mentioned in Article 5, 6 and any new emerging diseases which the cattle are subjected to. The semen from the dead donor(s) due to infectious diseases or the BSE positive donor(s) can not be exported.

#### Article 13

Upon the agreement of both sides, this protocol can be amended. The annex of this protocol shall be taken as an unseparated part of this protocol. Amendment shall be made at any time by mutual consent of both sides based on negotiation between experts from both sides, and come into effect with the confirmation written by the officials authorized by Chinese side and Romanian side.

#### Article 14

This protocol does not represent an international treaty and does not create rights and obligations of the two parties according to the public international laws.

Article 15

The provisions of this protocol shall not affect the rights and obligations of the parties arising from other international documents concluded by the two parties and do not prejudice the obligations of Romania as Member State of the European Union.

Article 16

Either party may revoke the protocol on giving to the other party six (6) months' notice of its intention to do so.

Article 17

This protocol shall enter into force on the date of signing.  
This protocol is signed in Ningbo on 8th JUN, duplicated in Chinese and English, equally authentic in both languages.



On behalf of  
the General Administration of Quality  
Supervision, Inspection and Quarantine of  
the People's Republic of China



On behalf of  
National Sanitary Veterinary and Food  
Safety Authority Of Romania

**ANNEX:**

**QUARANTINE TEST REQUIREMENTS FOR THE BOVINE SEMEN TO BE EXPORTED FROM ROMANIA TO CHINA**

Diseases		Quarantine requirements for semen exporting
1	Paratuberculosis	ELISA test , samples should be collected between 21-60 days after the last semen collection.
2	Bovine Brucellosis	ELISA, or CFT (less than 30IU per ml) or buffered brucella antigen test (BBAT) with negative result. Samples should be collected between 21-60 days after the last semen collection.
3	Bovine Tuberculosis	Intradermal tuberculin test (both avian and bovine) on donor cattle should be conducted between 21-60 days after the last semen collection.
4	Enzootic Bovine Leucosis	AGID or ELISA test. Samples should be collected between 21-60 days after the last semen collection.
5	Bovine Viral Diarrhoea	Between 21-60 days after the last semen collection.,cellular culture of blood or serum for at least two passages (at least 6 days for each passage) and the cultures shall be checked by immunofluorescence test or immunoperoxidase test; or, ELISA test; or PCR test.
6	Infectious Bovine Rhinotracheitis (IBR)	Serum neutralization (SN) test (no serum dilution) or ELISA. Samples should be collected between 21-60 days after the last semen collection.
7	Blue Tongue	Serological test(AGID or ELISA): at least every 60 days throughout the collection period and between 21 - 60 days after the final collection for this consignment, OR Agent identification test (virus isolation test or PCR test): Blood samples should be collected at commencement and conclusion of, and at least every 7days (virus isolation test) or at least every 28 days (PCR test) during semen collection for this consignment.
8	Campylobacter fetus	Culture for isolation, or IFT on preputial washings. Samples should be collected between 21-60 days after the last semen collection.
9	Trichomoniasis	Culture for isolation or IFT on preputial washings. Samples should be collected between 21-60 days after the last semen collection.
10	Leptospirosis	Donors shall be tested for Leptospirosis using MAT for serotypes hardjo, sejro, pomona, canicola, grippotyphosa and icterohemorrhagiae. Samples should be taken between 21-60 days after the last semen collection.
11	Q Fever	CFT,(antibody titer less than 1:10). Samples should be collected between 21-60 days after the last semen collection.
12	Schmallenberg Disease	ELISA on serum sample between 21-60 days after bovine semen collection or PCR on blood sample taken between 21-60 days after bovine semen collection or PCR on frozen semen(3 straws each ejaculation)