

STALLION AI SERVICES LTD

DEFRA Approved Collection Centre

- Semen Collection & Assessment
- Semen Freezing
- Semen Export
- Frozen Semen Storage
- Fresh & Chilled Distribution
- Stallion Fertility Investigation
- Mare Insemination
- Embryo Transfer
- AI Training Courses
- AI Equipment for Sale

For a free DVD/Video or more information
please contact :

TULLIS MATSON

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Stallion Collection Centre

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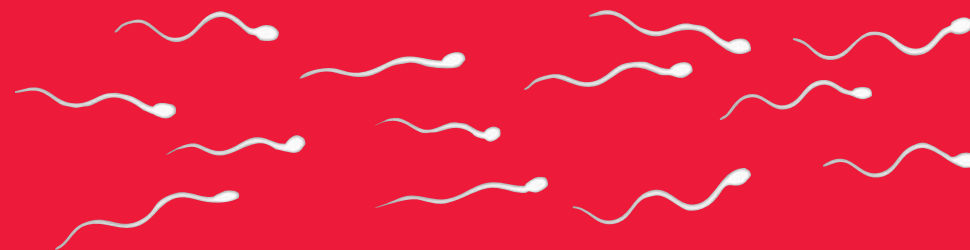
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Website: www.stallionai.com



STALLION AI SERVICES



Instructions for

Handling and Thawing of Frozen Semen

Stallion: _____

Number of doses supplied: _____

Number of straws per dose: _____

Colour of straws: _____

“Using the latest technology in equine breeding”

INSTRUCTIONS FOR HANDLING AND THAWING FROZEN SEMEN

Packaged in 0.5ml Straws

The Nitrogen Shipper - Please read before opening the container

Frozen semen should only be handled by a veterinarian or technician experienced in handling liquid nitrogen and frozen semen. The container must not be tipped or laid on its side. There is a possibility this may have occurred during shipping so the frozen semen should be moved into a holding tank as soon as possible. This container is only a shipping tank not a storage tank. Do not open the container until you are ready to transfer the straws into the storage tank. Exposing the straws to room temperature for more than 2 seconds will initiate thawing and cause irreversible damage to the spermatozoa.

Equipment needed for thawing semen

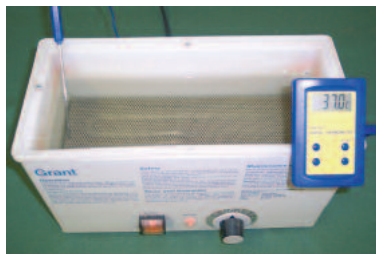
- Gloves and protective eye-wear for handling the nitrogen container and frozen straws
- 37°C constant temperature water bath
- Tweezers
- Paper towel
- Scissors
- Straw probe (if available)
- Sterile, pre-warmed insemination equipment



Dry Shipping Container.



Do not lift the goblet above the neck of the canister.



Water bath at 37°C.



Equipment needed for thawing semen.

Procedure for semen thawing

1. Prepare the mare aseptically prior to opening the container. Soaps and disinfectants are spermicidal and should not be used.
2. Using the tweezers, remove the straws one at a time from the nitrogen container and place them into water bath at 37°C. The straws should not be exposed to room temperature for longer than 2 seconds.
3. Leave the straws in the water bath for 30 seconds.
4. Remove the straws from the water bath one at a time and dry them thoroughly with paper towel. Any excess water will be spermicidal.
5. Holding the straws vertically (the end with the crimp or the sealing ball at the top) and cut off the crimped or sealed end.
6. Unless using an AI gun invert the straws into a sterile, pre-warmed test tube and either push the semen through using a straw probe or cut off the plugged end of the straw and let the semen run into the tube. Ensure all the semen is emptied from the straw.
7. Do not extend or dilute the semen as the freezing extender may react with your extender and kill the spermatozoa.
8. Attach the catheter to the syringe. Draw 5ml of air into the syringe and then gently draw the semen from the bottom of the test tube into the catheter not the syringe.
9. You are now ready to inseminate the mare.



Dry the straws thoroughly.



Cut sealed or crimped end.



Invert the straw into a test tube at 37°C. Then cut the plugged end.

If you have any queries regarding handling the container or the straws please do not hesitate to contact us.

PLEASE RETURN THE FLASK AS SOON AS POSSIBLE. AFTER 7 WORKING DAYS WE WILL CHARGE A DAILY RENT OF £15.