

## THAW INSTRUCTIONS FOR 2.5 mL straws

### International Boar Semen

Prepare the water bath by adding at least 5 liters of warm water to the bath. The water should be 50 Centigrade and the diluent should be 30 Centigrade. 55 mLs of diluent should be placed in each of the bottles in preparation to receive the thawed semen. Open the tank containing the semen and very carefully remove the selected straw from the goblet with the forceps holding the straw by the end. You can only lift the straw by the end with the forceps so you need to place the straw on the gloved hand or on a piece of cloth so that you can lift the straw with the forceps holding it in the center. Holding the straw carefully move quickly to the water bath. Check the time on your clock or using a stopwatch, holding the straw in the center with the forceps immerse it in the water and gently move it slowly in the water for 50 seconds. Remove from the water and wipe dry and with a pair of scissors remove the sealing ball from the end of the straw. Keep the end of the straw pointed away from you as the sealing ball may come out from the end of the straw very quickly. Place the open end of the straw in the bottle, remove the other sealing ball and flush the semen into the bottle. Rotate gently to mix the semen and diluent together well.

### **Diluent preparation**

1 package nutrixcell+ extender is to be mixed with 1000 milliliters of distilled water at 37 Centigrade until completely dissolved.

Bottles are to be prepared for the thawed semen with 55 mLs of diluent at 30 Centigrade.

Unopened packets of extender can be stored in a dry, cool environment (below 20 Centigrade) until the expiration date listed on the package.

Prepared diluent may be stored for up to 5 days in the refrigerator or frozen for up to 4 months. It is recommended not to refreeze the diluent more than once.