



SWINE GENETICS INTERNATIONAL, LTD.  
30805 595TH AVENUE CAMBRIDGE, IA 50046  
TELEPHONE: (515) 383-4386  
FAX: (515)383-2257

## CUSTOM FREEZE PROCEDURE ON FARM COLLECTION

### PRIOR TO COLLECTION

#### CONTACT SGI TO SCHEDULE A DAY TO SEND IN COLLECTION(S).

You must schedule a freeze at least one week in advance. A courtesy call is made the day before your scheduled freeze to confirm you will be sending in semen. The freezing process at SGI is performed on Tuesday & Friday. Your boar(s) should be collected and processed on either Monday or Thursday for the semen to arrive at the UPS Terminal Tuesday or Friday morning. Please call ASAP if you decide to cancel to avoid any fees.

#### MAKE SURE BOAR IS CLEANED OUT WELL IN ADVANCE OF SCHEDULED FREEZE COLLECTION

It is best to collect your boar(s) on a regular basis before scheduling a freeze. Doing so will help yield the highest quality semen, which generally results in a higher quality frozen product. Boars must have an 80% or better motility with 20% or less sperm abnormalities to be included in the freezing process. Any boar with less than 75% live cells or more than 25% sperm abnormalities will be rejected. **Please note that we cannot guarantee positive post-freeze results from a good collection.**

#### HAVE MODENA EXTENDER AVAILABLE PRIOR TO COLLECTION DAY

The SGI freezing process is performed using Modena Extender due to its past and present success in our freezing process. Please have Modena Extender on hand before your collection day to use. Modena Extender can be purchased from SGI.

### COLLECTION DAY PROCESS

1. Prepare SGI Modena Extender as directed on package and keep at 35° Celsius (95°F). Plan on needing 1L of Modena Extender per boar collected. Higher yielding boars may require more extender.
2. Collect the boars' sperm rich fraction in an insulated container with a gauze/cheesecloth filter or a Minitube Collection Bag. This will prevent the plug from contaminating the semen. Minitube Collection Bags are used in our collection process and can be purchased from SGI.
3. Gently mix the raw semen collection and **place a 1 mL sample of the raw semen in a sample tube, sealed insemination tube/bottle, Ziploc baggie, or other sealed container.** This sample is very important; we use it to determine total sperm cells and straw count.

4. Measure and record the ejaculate volume prior to extension as accurately as possible. **The maximum ejaculate volume allowed is 280mL.**

5. Multiply the volume of the raw semen by 1.5. This is the amount of Modena Extender that needs to be added to the raw semen. **Please do not go over a total volume of 700mL (semen max 280mL+ extender 420mL).** If the total volume exceeds 700mL, the collection will be treated as **two individual collections** and you will be charged an additional processing fee.

**EXAMPLE:**

Boar ejaculate volume: 100ml

Modena extender to add: 100ml ejaculate x 1.5 = 150ml extender

Total volume: 100ml ejaculate + 150ml extender = 250ml total

(All of this information should be sent to SGI with your semen)

6. After extending the semen, if you have access to a microscope, evaluate the sperm motility and record. Be sure to use a warm slide and coverslip.

7. Package semen for shipment by pouring into insemination tubes, bottles, or another tightly sealed container.

8. Cool semen slowly to 18° Celsius and package to hold at 18-20° Celsius during shipment. It is recommended to use a double packed Styrofoam box and warm or cold gel packs (depending on the season) to maintain appropriate temperature. If you have any questions on how to properly pack your semen, please call SGI and we will be happy to assist you. **Please respect our facilities biosecurity and ship only in a clean, sanitary Styrofoam container or box.**

9. Please include the following information with your semen:

- Boar name, breed, registration #, ear notch
- Ejaculate volume
- Modena amount added to semen
- 1mL raw semen sample
- Billing information - Who will get billed for processing fees

10. Ship semen prepaid to SGI. **Iowa residents ship UPS Ground Track; non-Iowa residents ship UPS Next Day Air only!** Please write **"HOLD FOR CUSTOMER PICKUP"** in big letters on all 4 sides. Use the following address:

UPS TERMINAL, AMES, IOWA  
C/O SWINE GENETICS INTERNATIONAL  
HOLD FOR CUSTOMER PICKUP!  
729 EAST LINCOLN WAY  
AMES, IA 50010

11. Call SGI to confirm you will be sending a collection for the next business day and to provide us with your shipments tracking number.  
**Failure to follow through on a confirmed scheduled freeze will result in a \$25 fee invoiced to your account.**

**PROCESSING AND STORAGE FEES**

There is a flat processing fee for each boar of \$150, this includes up to 10 straws per boar, per freeze. If a boar exceeds 10 straws, each additional straw is reduced to \$14 per straw. Example for custom freeze with three boars:

Boar A: 5 straws – Processing fee = \$150  
 Boar B: 10 straws – Processing fee = \$150  
 Boar C: 12 straws – Processing fee = \$150 + (2 straws x \$14 reduced rate) = \$178  
 Total amount invoiced = \$150 + \$150 + \$178 = \$478

Each custom freeze is stored free of charge for 90 days after the freeze date. This is a complimentary service to allow enough time for you to arrange future storage accommodations. After the 90 day period we can continue storing your custom freeze for a fee based on the number of straws. Other options include shipping the semen to you for use or storage elsewhere. If you’d like the semen shipped please contact SGI to find a liquid nitrogen tank that will fit your needs.

**FROZEN SEMEN STORAGE FEES**

NUMBER OF STRAWS	CHARGE PER MONTH
5 & UNDER	NO CHARGE
6 - 10	\$10
11 - 50	\$15
51 – 100	\$25
101 – 150	\$30
151 – 200	\$35
201 – 250	\$40
251 – 300	\$45
301 – 350	\$50
351 – 400	\$55
401 – 450	\$60
451 & UP	\$65

***THANK YOU FOR YOUR CONSIDERATION!  
 IF YOU HAVE ANY QUESTIONS OR CONCERNS, PLEASE DON'T HESITATE TO CONTACT US!***