

**SUGGESTED PROTOCOL FOR PACKAGING SEMEN FOR SHIPMENT  
TO THE UNIVERSITY OF PENNSYLVANIA FOR ANALYSIS**

In order to get the most representative information from sperm motility and morphology analysis, it is important that large temperature fluctuations be avoided during shipping/transport.

**Extended semen should be maintained between 59 to 64 degrees Fahrenheit.**

**Recommendations for Packing:**

- To maintain this narrow range, we recommend that you use two Styrofoam boxes for shipping samples to us.
- Place the extended semen samples in a **Thermalast temperature extender bag**. ([www.plastilite.com](http://www.plastilite.com)) (This bag can be used for cold or warm temperatures)
- Fold bag securely around semen samples and place in smaller cooler.
- **Do NOT allow samples to come into direct contact with gel-packs**
- Place 3-5, depending on size of box, 15-18°C gel-packs, (the same temperature as the extended semen) into the box surrounding the extended semen doses; loose paper or packing material can be used to take up the extra space.
- The small box should be taped shut and placed in the larger Styrofoam box.
- **In the summer**, frozen gel-pack(s) can be placed inside the large Styrofoam box (outside the smaller box containing the extended semen).
- **In the winter**, warmed gel-packs (i.e. body temperature) should be used inside the large box (but outside the smaller box). Helpful Hint: In winter, if extremely cold, put samples in Foil bags or Foil bubble wrap, cover with newspaper and place warmed gel packs on top of newspapers in cooler.
- Use loose paper or packing material to take up the extra space in the larger cooler.

Place a completed submission form between the two boxes describing the analyses you would like us to perform on the submitted samples, as well as billing information, including a contact person and their business fax and phone numbers. Please also provide us with an email address, fax and phone number for sample information correspondence.

**Tape the outside box shut securely and mail by overnight express to:**

**Reference Andrology Laboratory  
New Bolton Center  
382 West Street Road  
Kennett Square, PA 19348-1692**

**Please notify us by phone (610-925-6562) when you are shipping an unscheduled package to confirm we are prepared to receive it.**

Thank you for your interest in our services. We look forward to hearing from you.  
Please feel free to call if you have any questions or concerns.