

Your ProteX Quick Guide

Understanding sperm
health and semen sample
collection in ProteX



Why sperm health matters.

With the healthiest sperm sample, you'll have the best chance for pregnancy during an assisted fertility procedure. Even though a typical semen sample has millions of sperm, we are now learning just how easily sperm are damaged and exactly which factors increase and decrease sperm's ability to fertilize.

3 REASONS SPERM QUALITY IS IN THE SPOTLIGHT.

- 1 About **40% of the time, a couple's infertility issue is caused by the male**, and that percentage is on the rise.
- 2 **Sperm counts have plummeted more than 50%** the last four decades, according to an analysis of over 7,000 studies.
- 3 Couples are delaying having children, and **once past the age of 35**, a male's sperm quality is naturally on the decline. It's very important to use solutions that do not damage the quality of his sperm any further.

WHAT CAUSES SPERM DAMAGE DURING COLLECTION?

Generic Specimen Cup Design

Collecting in a specimen cup damages sperm in seconds. The thin walls, flat bottom, and plastic material leave sperm completely unprotected.

Thermal Shock from Lack of Insulation

Severe temperature shifts damage sperm membranes. This forces sperm to use up all their energy before the sperm are ready for an assisted fertility procedure.

pH Imbalance

When a semen sample is collected in a generic specimen cup, cellular waste pushes the pH off balance. This creates an acidic environment that is harmful to sperm motility.

HOW TO PROTECT SPERM HEALTH DURING COLLECTION.

- ✓ Use a collection container that's scientifically designed to protect sperm.
- ✓ Ensure your collection container has thermal insulation or temperature control.
- ✓ Use a container that keeps sperm motility at a stable, high level.
- ✓ **ProteX**

Understanding how ProteX protects sperm.

ProteX™ is practically sperm's home away from home. It's insulated, prevents shock, and helps keep the sample naturally balanced. So, when they leave the male's body for collection, they almost feel like they never left in the first place.

Safe and Sound

The spill-proof lid guards against leaks during transport and handling.

Comfortable

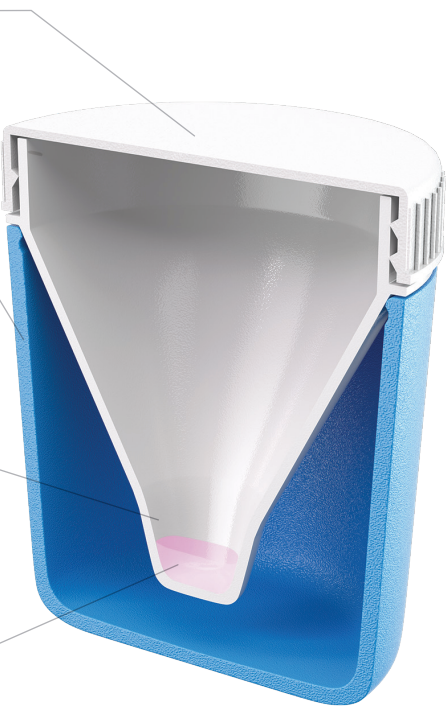
A 360° thermal barrier protects sperm from cold and hot temperature shifts that cause shock and damage.

Cozy

The compact shape of the interior is 10x better at keeping sperm thermally controlled.



Balanced

If your fertility specialist recommends adding sperm wash solution before collection, sperm will remain happy, stable, and viable for **up to 48 hours**.



A peek inside ProteX

COMPARE AND SEE THE DIFFERENCE.

	 ProteX	 Specimen Cup
Motility Rate Effect	Steady increase, then stable at high motility; up to 50% improvement over the specimen cup	Steady decrease, even after processing
Effects to Sperm Physiology	Proven to protect sperm membranes vital for fertilization	Causes damage to membranes, lowering conception chances
Thermal surface exposure area of a collected 5 mL sample	1.8 cm ² (95% reduction compared to specimen cup)	32.2 cm ²
Sample Cooling Rate	0.5° F per minute (10x better thermal control)	5° F per minute
Processing Window	Up to 48 hours	Only 1 hour
At-home collection	Yes	Typically, no
Usage	Scientifically designed to protect sperm health and dedicated to semen collection	Generic design, also used for blood, urine, stool, and tissue samples

How to collect in ProteX.

With ProteX at home, you can easily collect in just a few simple steps. Refer to ANY additional instructions provided by your fertility specialist. This includes when to collect and when to return your sample.

1



Open your sterile sealed pouch and place ProteX on a flat, stable surface.

2



Wash your hands and genitals thoroughly before you collect your sample.

3

OPTIONAL STEP.

Go to Step 4 if media not provided.



Add room temp sperm wash media to ProteX as recommended by your fertility specialist.

4



Collect your semen sample via masturbation into the ProteX container.

5



Secure the lid carefully onto the ProteX container to avoid spillage.

6



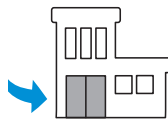
Fill out the sample information label provided and place label on the ProteX lid.

7



Do not refrigerate or warm ProteX after collection. Keep at room temperature.

8



Return your sample to your fertility center, keeping ProteX upright while transporting.

FAQs

Is ProteX for at-home collection?

Yes. If your fertility specialist prefers he collect at the clinic, no problem. ProteX protects his sperm sample there too.

Is each ProteX for one-time use?

Yes.

Can I use ProteX without consulting my doctor or clinic?

Yes, there's no risk in using ProteX. However, you may want to ask your fertility specialist how ProteX fits into your journey.

Can I order ProteX direct?

Yes. Visit rsifertility.com/try-protex to order.

After I collect my sample in ProteX, do I need to either refrigerate the sample or keep the container warm?

No, you do not need to refrigerate or warm the sample.

When do I bring my sample to the clinic?

Ask your fertility specialist. Clinics will provide either a window of time or an exact time.

Can I talk to a live person about ProteX?

Yes. Please call 1-800-465-0368 Monday through Friday, 8:00am-6:00pm CST, and one of our team members will be happy to speak with you.



**Ask your fertility
specialist about ProteX.**



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