



 **PIGPLUS**™

Swine Sperm Sexing Agent





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INDICATIONS

For increasing the percentage of *female piglets* in swine.

DOSAGE

One insemination unit of semen per vial (2-5 billion sperm).
Recommended volume = 75-90 mL of fresh semen.

NOTICE

This is not a restricted drug. PIGPLUS is a non-prescription biopharmaceutical agent.

Federal law *does not* require that this product be used by or on the order of a licensed veterinarian.

DESCRIPTION

PIGPLUS is spermagenic agent for sexing swine semen. Packaged in kit form, each dose is sealed in a vial to maintain potency during storage.

The agent is activated by extender and then added directly to the semen.

After a short incubation, the sexed semen is ready for insemination.

MODE OF ACTION

PIGPLUS works by enhancing the fertility and motility of only the X-chromosome bearing (female) sperm while reducing the motility of the Y-chromosome bearing (male) sperm.

When inseminated, the sperm sort in the reproductive tract of the sow. The result is more ova fertilized by the X-chromosome bearing (female) sperm.

The FEMALE SEX RATIO is increased by 20-25%.

KIT INSTRUCTIONS - FRESH SEMEN

- Warm PIGPLUS vial to 95-98.6°F (35-37°C) to prevent cold shock.
- Rehydrate PIGPLUS using 10mL of fresh semen extender. (Alternatively, use 10 mL of semen.) Gently mix.
- Warm the PIGPLUS + diluent to 95-98.6°F (35-37°C).
- Add the PIGPLUS + diluent to the dose of semen.
- Gently mix the PIGPLUS throughout the full dose of semen.
- Warm the PIGPLUS + semen by placing in a water bath, warm plate, or incubator.
IMPORTANT: Incubate the semen for at least 20 minutes at 95-98.6°F (35-37°C).
- Inseminate as usual.

TIMING OF INSEMINATION

- Gilts: Breed 12 hrs alter first standing heat. Repeat alter 12 hrs if still standing.
- Sows: Breed 24 hrs alter first standing heat. Repeat at 24 hr intervals if still standing.

STORAGE CONDITIONS

Store product in refrigerator (5°C) for up to 12 months. For long-term storage (up to 2 yr) keep in freezer (-20°C). Avoid moisture and strong sunlight.

HOW SUPPLIED

PIGPLUS is lyophilized in the following package sizes: 10 mL vials.

WARNINGS

KEEP OUT OF REACH OF CHILDREN.