

#### INDICATIONS

For increasing the percentage of male foals in equine

#### DOSAGE

One dose of COLTPLUS-5 will sex 5 ml of cryopreserved stallion semen.

#### NOTICE

This is not a restricted drug. **COLTPLUS** is a non-prescription biopharmaceutical supplement to semen extender. Federal law (US) does not require that this product be used by or on the order of a licensed veterinarian. Consult local regulations.

#### DESCRIPTION

**COLTPLUS** is spermagenic agent for sexing stallion semen. Packaged in kit form, each dose is sealed in a vial to maintain potency during storage. The agent is activated by adding semen directly to the **COLTPLUS** vial. After a short incubation, the sexed semen is ready for insemination.

#### MODE OF ACTION

**COLTPLUS** works by selective inactivation of the X-chromosome bearing (female) sperm. When inseminated, the sperm sort in the reproductive tract of the mare. The result is more ova fertilized by the Y-chromosome bearing (male) sperm. The male sex ratio is increased to 90% and conception rate boosted 15% when compared to conventional semen.

#### KIT INSTRUCTIONS

- Warm **COLTPLUS** vial to 96-101.5°F (35.6-38.6°C) to prevent cold shock to semen.
- Thaw semen at 96-101.5° F (35.6-38.6° C).
- Pool semen<sup>1</sup> and add 5 ml. of thawed semen to **COLTPLUS** vial.
- Reseal and gently mix semen with contents of vial.
- **IMPORTANT:** Incubate the semen for **7.5 minutes** at 96-101.5° F (35.6-38.5° C). Do not exceed 20 minutes incubation.
- Inseminate immediately.

<sup>1</sup>NOTE: If semen volume is less than 5 ml. add enough fresh semen extender to bring total volume up to 5 ml. If semen volume is greater than 5 ml. adjust volume to 10 ml and use 2 vials of COLTPLUS-5.

#### INSEMINATION TIMING

- Inseminate at or near ovulation.
- When breeding from a natural or synchronized heat: Use frequent ultrasound examination (2-3 times/day) when using this product.

#### CONTRAINDICATIONS

Do not use in early estrus (8-24hrs prior to ovulation). This will reduce the effectiveness of this product.

#### STORAGE CONDITIONS

For long-term storage keep in freezer (-15° C).

#### HOW SUPPLIED

**COLTPLUS** is lyophilized in the following package sizes: 0.5, 5 and 25 ml.

#### WARNINGS

**KEEP OUT OF REACH OF CHILDREN.**

Manufactured by:

 **EMLAB GENETICS, LLC**, Arcola, IL 61910 USA

For more information, call 1-708-442-3964 or log on to [www.emlabgenetics.com](http://www.emlabgenetics.com)

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