



## PRODUCT INFORMATION SHEET

### Kenney Skim Milk Canine Semen Extender with Gentamicin Sulfate or without Antibiotics

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#### STORAGE

Immediately upon receipt, store product at room / ambient temperature.

Do not expose to elevated temperatures, high humidity or sunlight.

Do not hold components from one breeding season to the next.

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#### MIXING INSTRUCTIONS

- 1) Add the processed powder to the sterile water. To facilitate dissolution of the powder, warm the sterile water to 98°F in an incubator or warm water bath prior to adding the powder.
- 2) The reconstituted semen extender should be refrigerated or frozen if not used within one hour. For best practice, use freshly reconstituted semen extender each day. Reconstituted semen extender may be frozen in sterile, non-spermicidal containers for up to six months at temperatures of -5°F or lower. The extender should be frozen with minimal air in the container. Thaw frozen extender at 98°F in an incubator or warm water bath. Higher thawing temperatures may cause ingredient damage.
- 3) The extender should be warmed to 98°F before adding freshly collected semen. When extending semen, always have the semen extender the same temperature as the semen to avoid thermal shock.
- 4) Decide on a desired ratio of semen to extender.
  - a. A ratio of 1 part semen to 4 parts extender is generally recommended, but ratios between 1:1 and 1:4 are acceptable.
  - b. Another approach is to dilute the semen so that each insemination dose contains 200 million motile spermatozoa.



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  - b. Another approach is to dilute the semen so that each insemination dose contains 200 million motile spermatozoa.

- 5) Add Kenney Skim Milk Canine Semen Extender (at 98°F) to the semen and maintain at a temperature of 98°F for no more than two hours before use.
- 6) Allows for storage of cooled semen for use up to 48 hours after collection.

Note: When an antibiotic has been added to the extender, the semen extender mixture should not be used for at least 20 minutes to allow sufficient time for the antibiotic(s) to control the penile pathogens which may be sensitive to the antibiotic(s).

The semen extender with antibiotics contains buffers to yield a pH of approximately 7.0 when put into solution. The semen extender without antibiotics also contains buffers to yield a pH of approximately 7.0 when used with a user supplied antibiotic.

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#### ANTIBIOTICS

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Kenney Skim Milk Canine Semen Extender is offered with Gentamicin Sulfate or without antibiotics, for use when other antibiotics of choice are desired.

The amounts for Pen-Strep per 50 ml are:  
 Penicillin, Crystalline: 75,000 units  
 Dihydrostreptomycin, Crystalline: 75 mg

Injectable grades of Gentamicin Sulfate should not be used, as their formulation may be spermicidal. The Kenney Skim Milk Canine Semen Extenders offered by MAI uses reagent grade Gentamicin Sulfate to avoid this problem.

#### Sales



605 Pro-Ject Drive  
 Elmwood, WI 54740  
 Phone: 1.715.639.2063  
 Toll-Free: 1.800.447.0687  
 Email: sales@maianimalhealth.com  
 Website: www.maianimalhealth.com

#### Service



303 S. McKay Ave.  
 Spring Valley, WI 54767  
 Phone: 1.715.778.5827

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