

# MRA Can<sup>®</sup>

Extender for canine semen chilling



IT PRESERVES 5 DAYS THE SEMEN

## MRA Can<sup>®</sup>

### Formats:

- ◆ Liquid: Ready to use.
- ◆ Powder: Reconstitute into the topaz recipient with 20 ml of KUBUS purified deionized water.

### Storage conditions for the extender:

- ◆ Liquid format: storage at 5°C. See bottle for expiration date.
- ◆ Powder format: store at room temperature. See bottle for expiration date. Once reconstituted must be stored at 5°C for no longer than 3 months.
- ◆ Warm just the MRA Can<sup>®</sup> amount you are going to use (between 5 and 8 ml).

## Instruction for use:

- Warm MRA Can<sup>®</sup> extender at 25°C before semen collection.
- Fractional semen collection is imperative. You can use KUBUS' collection kit.
- It is recommended to collect only spermatic fraction (second spermatic phase with white colour).
- Evaluate sperm quality: volume, colour, odor, concentration, morphoabnormalities and motility.
- Dilute ejaculate immediately (no more than 5 minutes post-collection). Ratio semen: extender should be 3 parts of MRA Can<sup>®</sup> extender and 1 part of spermatic fraction (i.e.: For 1ml of spermatic phase, 3 ml of MRA Can<sup>®</sup> will be added).

### IMPORTANT:

The sperm and the extender should be at the same temperature. Thermal shock may decrease the quality of the sperm or even kill the cells.

## Semen storage:

The diluted sperm must be stored in the fridge at 5°C, avoiding direct contact of light and variations of temperature.

## Insemination:

- Gather with a syringe the sperm from the tube and eliminate the air that could have entered in it.
- Introduce the insemination catheter in the vagina and then connect the syringe to it, loaded with the doses.
- In case of not reaching a similar volume as the natural mating, flush with Vigorsperm<sup>®</sup> (KUBUS revitalizing synthetic seminal plasma) after the insemination of the sperm.

Recommended volume for the insemination according to the weight:

2 - 5 ml	< 10 kg
5 - 10 ml	10 - 20 kg
Up to 20 ml	> 20 kg

# KUBUS