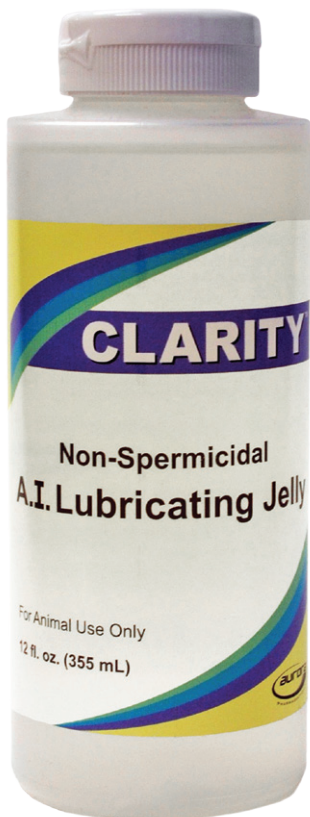


CLARITY™

Non-Spermicidal A.I. Lubricating Jelly



FEATURES AND BENEFITS

CLARITY A.I. Lubricating Jelly is a preserved, isotonic, pH buffered, non-spermicidal, non-irritating, water-soluble lubricating jelly for catheter lubrication and all types of non-sterile medical procedures.

CLARITY A.I. Lubricating Jelly:

- Supports sperm cell functionality due to its isotonic (neutral) formulation.
 - Other products may be hypertonic, leading to loss of cellular fluid.
- In a controlled study, fresh extended semen was mixed with CLARITY A.I. Lubricating Jelly at 1% and 5% concentrations.*
 - No effect on motility.
 - No effect on viability (intact acrosome).

* Study final report available by request (multiple types of extenders were used).

12 OZ. BOTTLE —
REORDER NO: 59017



Aurora Pharmaceutical, LLC
NORTHFIELD, MINNESOTA 55057
888-215-1256
www.aurorapharmaceutical.com

IN 50-1231 03/2016
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MANUFACTURED IN THE USA

INDICATIONS:

A preserved, isotonic, pH buffered, non-spermicidal, non-irritating, water-soluble lubricating jelly for all types of non-sterile medical procedures.

STORAGE:

Store at 20°–25° C (68°–77° F). Excursions permitted between 15°–30° C (59°–86° F). DO NOT FREEZE.

Not returnable if outdated.

TAKE TIME  OBSERVE LABEL DIRECTIONS

REORDER NO: 59017

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MANUFACTURED
IN THE USA



CLARITY™

Non-Spermicidal A.I. Lubricating Jelly

For Animal Use Only

12 fl. oz. (355 mL)



CLARITY Non-Spermicidal A.I. Lubricating Jelly is provided in a convenient, multi-use squeeze container. Antimicrobial effectiveness testing has shown it will continue to be safe to use even if the product is exposed to contamination from the environment. The viscosity was selected on the ability to cover the catheter tip for easy catheterization.

CLARITY Non-Spermicidal A.I. Lubricating Jelly was shown to support boar sperm cell functionality in a recent study conducted by an outside laboratory. There was no difference in motility (computer-assisted semen analysis) and membrane viability (flow cytometric analysis) between control samples and extended boar semen exposed to CLARITY Non-Spermicidal A.I. Lubricating Jelly at 1%, 2.5% and 5% in BTS short-term extender.

As part of the same controlled study, extended boar semen was also exposed to First Priority® Sterile Lubricating Jelly (Product B) at the same concentrations. In this treatment, semen motility dropped off immediately and continued to decline over time and membrane viability decreased and became worse at the higher concentrations.

Based on both the sperm motility and membrane viability results obtained in this study, First Priority Sterile Lubricating Jelly (Product B) expresses spermatotoxic effects, while CLARITY Non-Spermicidal A.I. Lubricating Jelly lubricant does not.

The study is being repeated using long-term extenders with and without BSA (bovine serum albumin).

Figure 1:

Total sperm motility in short-term extender following exposure to lubricant over increasing time

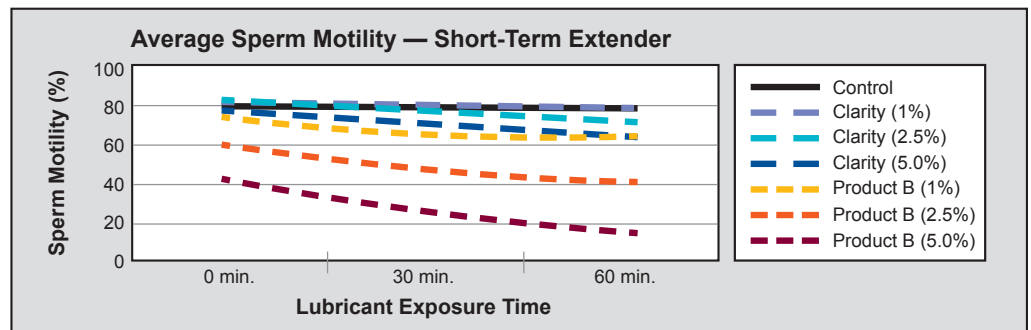


Figure 2:

Total sperm motility in long-term (non-BSA) extender following exposure to lubricant over increasing time

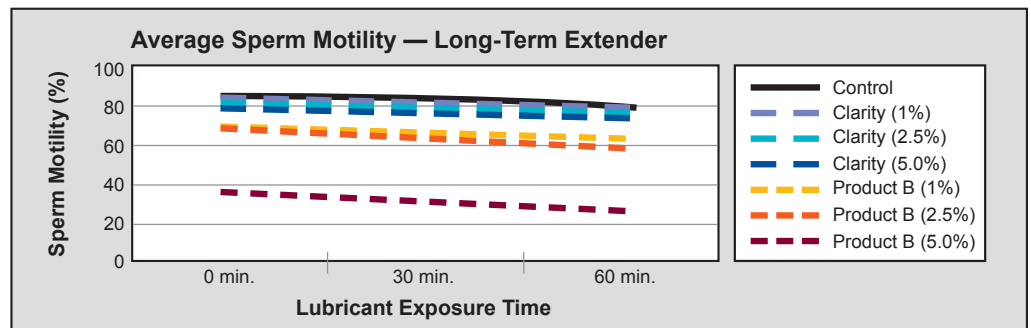


Figure 3:

Sperm VIA (viable with intact acrosomes) in short-term extender

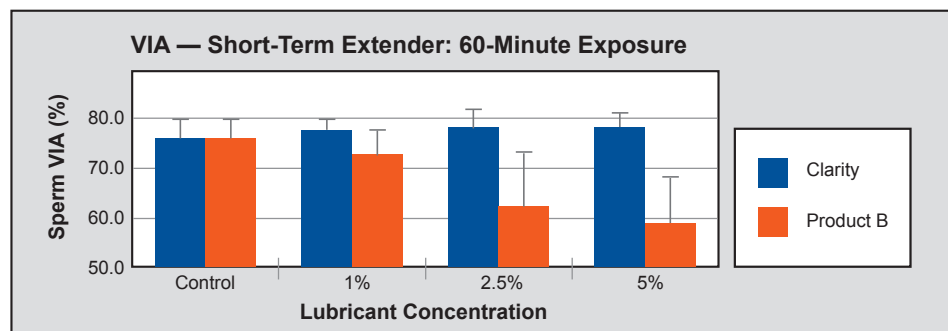


Figure 4:

Sperm VIA (viable with intact acrosomes) in long-term extender after 60-minute lubricant exposure

