

# ProlInsert™

## Simple and Safe

**ProlInsert™** makes the preparation of density gradient easy and fast

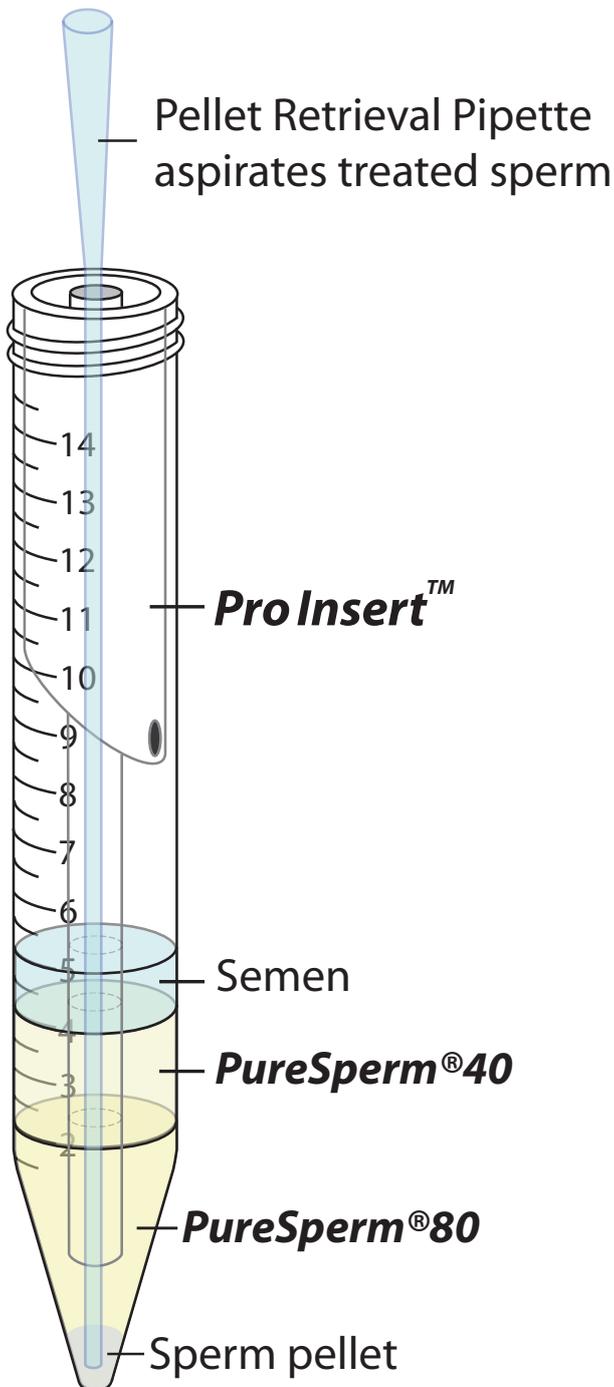
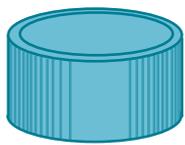
**ProlInsert™** removes the risk of recontamination during retrieval of sperm pellet.



## Extra benefits

- Supplied with optimised tubes and pipettes
- Designed for use with the PureSperm products
- Mouse embryo tested and Gamma sterilized

# ProInsert™ - Simple and Safe



## Technical description

This novel device consists of an insert within a centrifuge tube, where the inside of the central channel never comes in contact with semen or the gradient, thereby protecting the sperm from recontamination when collecting the pellet.

The outer chamber of the ProInsert™ is designed for easy layering of PureSperm® gradient and the semen sample into the tube prior to density gradient preparation.

The central channel is designed for the safe and easy retrieval of the sperm pellet using a Pellet Retrieval Pipette after the density gradient preparation.

After centrifugation the sperm pellet is transferred to a second tube containing PureSperm® Wash using a new pipette for a washing centrifugation.

## Comparison between the ProInsert™ and regular density gradient

(carried out at Nidacon International AB).

Ten sperm preparations with 40% / 80 % density gradients were completed with and without the ProInsert™, and time was measured in seconds for every step in the preparation (not including centrifugation).

	Preparing gradient	Adding sperm	Removing the pellet	Total
Gradient without ProInsert™	595 s	230 s	430s	1255 s (20 min.)
Gradient with ProInsert™	355 s	120 s	210 s	685 s (11 min.)
Time difference	240 s	110 s	220 s	9 min

**Conclusion:** Using the ProInsert™ reduced the time for completing a density gradient preparation of a semen sample, including sperm retrieval, by almost half.

## Ordering information

5 Sterile one patient kits in each package.

The product cat. no. is PI15-5