



## Product Insert

### INTRODUCTION AND INTENDED USE

The QwikCheck™ Liquefaction Kit can be used to promote and accelerate the liquefaction of highly viscous semen samples that remain viscous thirty minutes after collection. Since viscosity impacts the accurate measurement of motility, concentration and antibody coating, the QwikCheck™ Liquefaction Kit is used to prepare viscous semen samples for automated or manual semen analysis and is for in-vitro use only.

### KIT CONTENTS

- 20 single dose, 5 mg vials of lyophilized  $\alpha$ -Chymotrypsin.
- Product Insert

### STABILITY AND STORAGE CONDITIONS

- The product has a one year shelf life. Note the expiration date on the box and vials.
- Store vials at  $-20^{\circ}\text{C}$ . Warm to room temperature ( $22-26^{\circ}\text{C}$ ) prior to use.

### INSTRUCTIONS FOR USE

1. Select one vial of  $\alpha$ -Chymotrypsin and bring to room temperature (2-3 minutes).
2. Tap the vial to move the contents to the bottom of the vial prior to opening.
3. Add the entire contents of one vial to a viscous semen sample.
4. Gently mix the sample to dissolve the powder.
5. Once the sample has liquefied (5-10 minutes), immediately perform automated testing or neutralize the enzymatic activity (optional) by adding of Human Serum Albumin (HSA) (not provided in this kit).

### PRECAUTIONS AND WARNINGS

Each vial contains  $\alpha$ -Chymotrypsin, a protease. This protease may cause irritation to eyes, respiratory system or skin. In case of contact with eyes, rinse immediately with plenty of water and seek medical attention. Observe the following precautions when handling the product:

- Wear suitable protective clothing: Mask, gloves and laboratory coat.
- Avoid dispersing material over the working area.

### REFERENCES:

WHO Laboratory Manual for the Examination of Human Semen and Sperm-Cervical Mucus Interaction, 4<sup>th</sup> Edition, Cambridge University Press, 1999, Reprinted 2000.



20 Alon Hatavor Street, Caesarea Industrial Park 38900, Israel  
Website: [www.mes-ltd.com](http://www.mes-ltd.com) Phone: (972) 4 6373981