



## Product Insert

### INTRODUCTION AND INTENDED USE

The QwikCheck™ Dilution Kit is to be used to dilute semen samples prior to automated/manual testing and for semen sample preparation. The dilution media is Earle's balanced salt solution which contains ingredients to support sperm motility and viability and is recommended by WHO for semen sample preparation (WHO'99, 4<sup>th</sup> ed. manual, p. 104). The product is intended for in vitro use only.

### KIT CONTENTS

- 50 ml of sterile Earle's Balanced Salt solution
- Product Insert

### STABILITY AND STORAGE CONDITIONS

- The product has one-year shelf life. Note the expiration date on the box and bottle.
- Store bottle at room temperature. Refrigerate at +4°C after opening.
- Bring to room temperature (22°C -26°C) prior to use.
- Avoid prolonged exposure to light.
- Do not use if the solution contains precipitate or is cloudy.

### INSTRUCTIONS FOR USE:

#### AUTOMATED SQA-V:

1. Measure the volume of the neat semen sample.
2. If the volume is less than 0.5 ml, dilute 1:1
3. Open the dilution kit bottle and pipette an amount of Earle's solution that is equal to the semen sample volume measured in step 1.
4. Add the Earle's solution to the neat semen sample and thoroughly mix the sample by rotating the container in a circular manner. This will evenly distribute the spermatozoa throughout the diluted sample without introducing bubbles.
5. Fill the SQA-V testing capillary immediately after the sample is mixed following the SQA-V (version 2.48 and 2.49) on-screen instructions

#### MANUAL:

- Follow laboratory sperm preparation protocols for diluting semen samples for testing.

### PRECAUTIONS AND WARNINGS

Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation.

### 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.



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