

# IDEXX Penicillin Positive Controls

## Intended Use

IDEXX Penicillin Positive Controls, part number 98-06513-00, are used to monitor the performance of the test system. In the United States, NCIMS testing requires positive and negative controls be run daily, with each new lot of material, and with any follow up testing for a positive sample result.

## Product Description

Contents: 50 Positive Controls, lyophilized

IDEXX Milk Controls are milk-based Positive Controls which contain specific levels of Penicillin G.

## Positive Control Antibiotic Levels

Reconstituted IDEXX Controls contain the antibiotic drug Penicillin G at 5 ppb with an accuracy of  $\pm 10\%$ :

## Preparation

Fresh or frozen previously screened beta-lactam negative raw commingled, cow milk may be used in the preparation of the IDEXX Penicillin Positive Control.

Previously screened beta-lactam negative raw commingled, cow milk that reads less than 0.95 on the IDEXX SNAPshot® Reader can be stored frozen for later use. Aliquot milk within 24 hours and freeze at  $-15^{\circ}\text{C}$  ( $5^{\circ}\text{F}$ ) or colder in a nonfrost-free freezer and frozen milk must be used within 60 days. Thaw frozen milk at  $0^{\circ}$ – $4.4^{\circ}\text{C}$ . Once thawed, mix thoroughly and do not use aliquot if noticeable protein precipitation is present after thawing. Thawed negative control milk must be held at  $0^{\circ}$ – $4.4^{\circ}\text{C}$  and can be used for 24 hours. Do not use milk controls beyond 24 hours.

To reconstitute a Control, add 1 ml of previously screened beta-lactam negative raw commingled, cow milk to each Control vial. Let stand for 10 minutes. Mix by gently inverting 10 times. Ensure that all of the material has dissolved. The positive control should read greater than 1.2 on the IDEXX SNAPshot Reader.

## Disposal

No special precautions required.

## Storage and Stability

**Before Reconstitution:** Store at  $0^{\circ}$  to  $30^{\circ}\text{C}$  ( $32^{\circ}$  to  $86^{\circ}\text{F}$ ).

The expiration date is printed on the box label.

**After Reconstitution:** Store refrigerated.

NCIMS LABS must hold milk samples at  $0^{\circ}$ – $4.4^{\circ}\text{C}$ .

Use within 24 hours of reconstitution.

## How to Use the Controls

Treat the IDEXX Controls as milk samples. Using the Controls, perform the test procedures as specified in the test kit product inserts. The IDEXX Controls should give positive results. If unexpected results occur, repeat the assay. The positive control should read greater than 1.2 on the IDEXX SNAPshot Reader. If problems persist, call IDEXX for technical assistance.

## Technical Assistance

For assistance, please contact your local technical representative or Dairy Technical Service at IDEXX Laboratories: 1-800-321-0207 inside the U.S. or 1-207-556-4496 outside the U.S.

**IDEXX**  
LABORATORIES

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