

Cellometer[®]

Product Number:

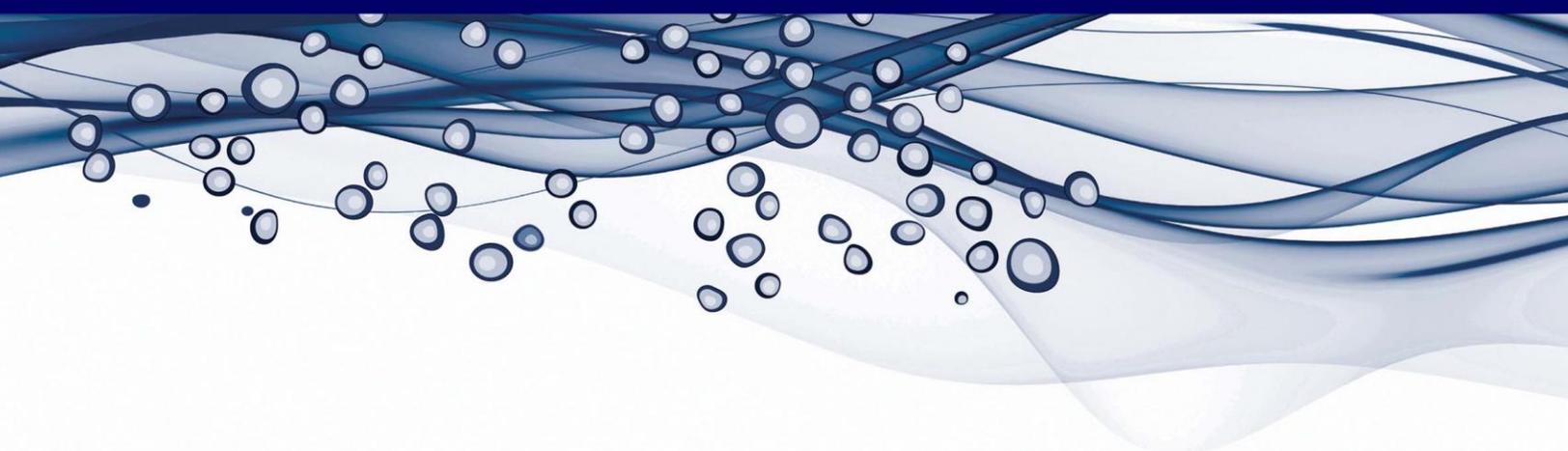
Full Product: CS1-0108-5mL

Sample Product: CS1-0108-S (Not for re-sale)

Description: ViaStain[™] AO Staining Solution

Instrument (s): Auto2000, X4, X1, X2, K2 Vision, Vision CBA, Spectrum

Product Insert: ViaStain[™] AO Staining Solution



This product is for RESEARCH USE ONLY and is not approved for diagnostic or therapeutic use.

8001304 Rev. C

Page Left Blank Intentionally

Description

The ViaStain™ AO Staining Solution enables the user to quantitatively determine total cell count in both pure cultures and primary samples using the Cellometer system. Acridine Orange (AO) is a nucleic acid dye that enters cells and binds to the DNA inside the nucleus. When cell counting is performed using fluorescent imaging, all cells that fluoresce green are counted, while the debris or non-cell particles are excluded, enabling accurate determination of concentration using the Cellometer system.

Materials

Materials Supplied

1. CS1-0108-5mL (250 Tests)
2. CS1-0108-S (50 Tests)

Materials Required

1. Micro centrifuge tube
2. Pipette
3. Cellometer counting chamber (SD100 or PD100)
4. Cellometer Auto 2000, Cellometer Auto X4 with Fluorescence Optical Module XB-535-401, Cellometer X1 and X2, Cellometer K2 or Cellometer Vision / Vision CBA, with Fluorescence Optical Module VB-535-401 or equivalent, Spectrum with Fluorescence Optical Module S1-534-470 or equivalent

Procedure

1. Pipette 20 μ L of cell sample into a micro centrifuge tube
2. Add 20 μ L of AO staining solution to micro centrifuge tube and mix well by pipetting up and down at least 3 times.
3. Load 20 μ L into a counting chamber (if using SD100 slides, peel plastic film off both sides before loading).
4. Insert loaded slide into the instrument.
5. Select the appropriate assay type for AO cell count measurement.
6. Preview bright-field and fluorescent images.
7. Focus if necessary.
8. Count.

Storage and Handling

Store the AO Staining Solution at 2-8°C protected from light. AVOID FREEZING. Safety precautions must be taken when handling the solution. Please consult the Safety Data Sheet for more safety information, found on www.nexcelom.com/Products.

Warranty

This product is for RESEARCH USE ONLY and is not approved for diagnostic or therapeutic use. Product is warranted to meet the specifications outlined in the Certificate of Analysis when stored and used according to the manufacturer's instructions. No other warranty, expressed or implied (such as merchantability, fitness for a particular purpose, or non-infringement) is granted. Warranty is valid until the expiration date stated on the product label. If no expiration is listed, the warranty is valid for 12 months from the date of product receipt.

Warranty will be void if product is stored incorrectly, the recommended protocol is not followed, or the product is used for a different application.

Ordering Information

When ordering with a Purchase Order (for orders shipping in the United States):

Fax a copy of the order to 978-327-5341

Email a copy of the order to sales@nexcelom.com

When ordering with a Credit Card (For orders shipping to a destination outside of the United States):

Visit www.shop.nexcelom.com and place your order