



ATP Positive Controls

INTRODUCTION

The AccuPoint ATP Positive Controls can be used to validate the performance of the AccuPoint samplers (Surface, Water & Access). Each kit (item # 9908) contains 3 sealed glass vials containing 50 nM ATP (1000 fmole) of lyophilized adenosine triphosphate (ATP). As part of routine laboratory performance monitoring, this kit is intended to be used quarterly, 1 vial per month.

STORAGE REQUIREMENTS

Store refrigerated at 2–8°C (35–46°F)

MATERIALS PROVIDED

Three (3) vials of lyophilized ATP Positive Controls.

MATERIALS REQUIRED BUT NOT PROVIDED

1. Latex, nitrile or polyurethane gloves
2. Type I water
3. Pipettor capable of dispensing volume of 1 mL or 2 mL
4. Pipettor capable of dispensing volume of 20 μ L

PROCEDURE

1. The user must wear latex or polyurethane gloves to prevent contamination. Remove ATP Positive Control vial and carefully remove stoppers.
2. Reconstitute the contents of each vial with 2 mL of Type I deionized water.
3. Recap the vials and mix gently for 10 seconds.
4. Pipette 20 μ L of ATP Positive Control directly onto the sampling pad of an AccuPoint sampler, and follow the manufacturer's instructions for activation. RLU result should exceed 1000 RLU.
5. Use 20 μ L of Type I deionized water to establish background RLU level corresponding to 0 ATP.
6. Reconstituted ATP standards should be used or discarded within 8 hours.

ATP CONCENTRATIONS AND ABSOLUTE AMOUNT

When reconstituted in 2 mL water, the standards provided have the following concentrations (expressed in nM, or 10^{-9} moles/L) and absolute quantities (expressed in femtomole, or 10^{-15} mole) of ATP:

50 nM ATP = 1000 fmole in 20 μ L.

CUSTOMER SERVICE

Neogen Customer Assistance and Technical Services can be reached by using the contact information on the back of this booklet. Training on this product, and all Neogen test kits, is available.

MSDS INFORMATION AVAILABLE

Material safety data sheets (MSDS) are available for this test kit, and all of Neogen's test kits, on Neogen's website at www.neogen.com, or by calling Neogen at 800/234-5333 or 517/372-9200.

WARRANTY

Neogen Corporation makes no warranty of any kind, either expressed or implied, except that the materials from which its products are made are of standard quality. If any materials are defective, Neogen will provide a replacement of the product. Buyer assumes all risk and liability resulting from the use of this product. There is no warranty of merchantability of this product or of the fitness of the product for any purpose. Neogen shall not be liable for any damages, including special or consequential damage, or expense arising directly or indirectly from the use of this product.



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