



soleris

NEOGEN[®] Positive Control Snap-Stick[™] Collection



Pictured: S2-PCON-KIT

Introduction

The NEOGEN[®] Positive Control Snap-Stick[™] Collection offers Soleris[®] users the capability to quickly and effectively run a positive control on their vials without requiring a culture collection to manage and update. The Snap-Stick is easy-to-use, and the catalog is comprised of organisms that are required for USP testing. Each Snap-Stick is a pure culture of the organism of interest and packaged in an easy-to-use inoculating swab stick. The simple snap valve design releases the hydration fluid with a slight press of the plastic valve stem. The culture pellet is supplied in a Microgel-Flash[™] quick dissolve matrix, allowing it to dissolve with minimal agitation and no incubation in under one minute. The transparent tube ensures visual confirmation that the pellet is completely dissolved.

Materials Available

1. S2-PCON-KIT — Soleris Positive Control — Complete Kit
 - a. Includes one stick of each organism to cover all USP tests
2. S2-PCON-TC — Soleris Positive Control — Total Count six pack
3. S2-PCON-MOLD — Soleris Positive Control — Mold (*Aspergillus*) six pack
4. S2-PCON-PSEUDO — Soleris Positive Control — *P. aeruginosa* six pack*
5. S2-PCON-EBAC — Soleris Positive Control — *Enterobacteriaceae* six pack
6. S2-PCON-ECCOL — Soleris Positive Control — *E. coli*/Coliform six pack
7. S2-PCON-SAL — Soleris Positive Control — *Salmonella* spp. six pack*
8. S2-PCON-STAPH — Soleris Positive Control — *S. aureus* six pack*
9. S2-PCON-YEAST — Soleris Positive Control — Yeast (*Candida*) six pack

*Indicates a BSL-2 organism, all other organisms are BSL-1

Storage Conditions

1. Refrigerated (2–8°C)



Instructions for Use

1. Allow each Snap-Stick to equilibrate to room temperature for about 5 minutes.
2. Once the Snap-Sticks are at room temperature, remove from the foil pouch.
3. Holding the Snap-Stick device in your fist, use your thumb to break the Snap Valve by bending it forward and then use your finger to bend it back far enough to ensure it is completely broken.
4. Squeeze the bulb of the snap valve twice to ensure all the liquid inside goes into the tube to hydrate the Microgel-Flash microorganism pellet located inside the end of the tube. Allow 30 seconds to one minute for the complete dissolution of the microorganism pellet.
5. Shake the entire Snap-Stick device for 5 to 10 seconds, so the dissolved pellet mixes with the liquid. This ensures you will obtain a homogeneous microorganism suspension.
6. Hold the Snap-Stick device upright with the swab end immersed in the binoculum. It is important that the swab bud is saturated before proceeding. Twist and pull the wetted swab out of the tube of the collection device.
7. Follow the appropriate vial preparation and test parameters to supplement and setup the Soleris test vials.
8. Inoculation:
 - a. Direct:
 - i. Pour the cell suspension into the vial directly (Total Count, Coliform, *Enterobacteriaceae*, and Yeast and Mold vials).
 - b. Pre-enrichment:
 - i. Pour the cell suspension into the enrichment broth (or equivalent) – each culture needs an unique enrichment broth container.
 - ii. Incubate at 35°C for 16–24 hours.
 - iii. Add 0.1 mL from the enrichment to the appropriate vial (*E. coli*, *Salmonella*, *Staphylococcus*, or *Pseudomonas*).
9. Place vials into the instrument and start the test.
10. Dispose of the vials and enrichments in accordance with local bio-hazardous waste disposal requirements.

Disclaimers

Information provided is based on validation procedures that NEOGEN performed in NEOGEN Laboratories. Deviation from procedures is possible but should be discussed with NEOGEN Technical Services.

