

Preparing for Sample Collection

How clean does my stall need to be before I collect the sample?

Fluxergy recommends following the standard cleaning process validated in each veterinary practice.

Does my cleaning agent matter? How dry does it have to be?

Fluxergy has validated the most common cleaning agents. Please review the Instructions for Use to find the list of tested cleaning agents. A drying area before collecting swab samples is required so that the carryover of the residual cleaning agent is reduced to the extent possible.

Handling Sponge Swab

How much pressure should I apply on the sponge when swabbing?

Refrain from the excessive pressure to prevent loss of collection buffer liquid. A light application is sufficient if the sponge can touch the intended surface areas for swabbing.

What is the recommended surface area for swabbing?

100 inch².

If I collect my sample and cannot test it immediately, how should I transport my sample?

Storage on ice (or cold storage) is ideal for short transport between the sample collection site to your lab. Ensure that the sponge collection bag is sealed to avoid spillage during transportation.

How long can I store the sponge collected sample before testing?

The sponge sample can be stored at 4°C for up to 48 hours before adding to the selenite cystine broth for incubation.

Sample Enrichment and Handling Selenite Cystine Broth

What happens if I accidentally incubate the sample for more than 24 hours?

The selenite cystine broth is more selective to the growth of Salmonella during the first 24 hours of incubation. Therefore, it is not ideal to incubate samples for more than 24 hours. The broth becomes less selective and enables other organisms to grow with longer incubation times. Test results may vary depending on the quality of the sample and collection.

Fluxergy Environmental Salmonella Test Kit

FAQs

Do I have to aerate (loosely uncap) the Selenite Cystine broth vial during the sample enrichment process?

Fluxergy does not recommend tightly closing the selenite cystine broth cap during incubation. This is because aeration of the selenite cystine broth promotes the growth of aerobic bacteria such as Salmonella.

Can I lay the selenite broth tube on its side?

During the incubation period, we do not advise laying the selenite broth on its side, as the lid should be loosely capped for aeration.

During storage outside the incubator, the selenite broth can be closed tightly before laying on its side. If retesting after storage, mix the selenite broth well by inverting it before testing.

Is there a risk of cross-contamination when incubating multiple vials simultaneously?

Yes, follow good lab practices.

Retesting

What can we use to dilute sample if a retest is required for suspected inhibition?

Refer to the Instructions for Use for dilution guidance during retesting. Pure water or new selenite broth can be used to dilute the sample. Sterile saline is not preferred for dilution.

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No Fluxergy products have been cleared or approved by the USDA for veterinary diagnostic use. Fluxergy's current veterinary product offerings are limited to individual laboratory components for use by experienced professional users in developing their own laboratory tests for research or animal use.

For further questions or inquiries, contact customersupport@fluxergy.com.

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