

Pyrosate® Kit – Rapid Endotoxin Detection

The Pyrosate® kit is an easy-to-use FDA Licensed BET gel-clot test allowing for BET compliant endotoxin testing. The assay does not require special training or laboratory supplies and the step-by-step illustrated instructions allow the user to perform assays within minutes. The Pyrosate® kit provides rapid results and is especially convenient for research, testing water and dialysate.

Sensitivity

The Pyrosate® kit is available in sensitivities of 0.25 EU/mL, 0.125 EU/mL and 0.03 EU/mL. The test may be as short as 30 minutes, depending on the sensitivity.

Performing the Test

The Pyrosate® kit is a rapid gel-clot test that contains a 2λ* endotoxin tube (PPC) matched to the sample (SPL) tube for each sensitivity. This feature is unique to the Pyrosate® assay. The endotoxin tube (PPC) assures that the sample does not interfere with the test, ruling out false negatives. Pyrosate® is formulated to eliminate false positives due to (1→3)-β-D-Glucans. This endotoxin specific reagent does not require additional blocking buffers.

Reconstitution

Pyrosate® is reconstituted directly with the sample by adding 0.5 mL to the sample tube (SPL). After approximately 60 seconds of gentle mixing, 0.25 mL is transferred to the endotoxin tube (PPC). The lot-specific incubation time at 37±1°C is given on the Certificate of Compliance.

Stability

Pyrosate® is stable at room temperature and does not require refrigeration for shipping or storage.



Product Applications

- Hemodialysis
- Water and Water Systems
- Filter Industry
- Research
- Final Product

Product Benefits

- Shorter Assay Time
- Endotoxin Specific
- No Dilutions Required
- No Refrigeration Required
- Matched Positive Product Control

Packaging

The Pyrosate® kit is available in a 10 test kit and a 30 test bulk package for each sensitivity. Each kit contains sample test tubes (SPL) and endotoxin test tubes (Positive Product Control-PPC). A Certificate of Analysis, specific to the Pyrosate® and CSE lot, can be obtained from ACC or online at www.acciusa.com.

*λ (lambda) is the lowest concentration of endotoxin to cause a positive test result under standard conditions.