

Pyrosate® Kit Rapid Endotoxin Detection*

General Product Description

The Pyrosate kit is developed as an easy-to-use LAL gel-clot test. The assay does not require special training or laboratory supplies. 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 two sensitivities: 0.25 EU/mL and 1.0 EU/mL. These sensitivities can be achieved in less than 30 minutes, much less time than required for other gel-clot assays.

Performing the Test

The Pyrosate kit is the only rapid gel-clot test that contains a $2\lambda^{\dagger}$ 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.



*May be used for all endotoxin testing applications not requiring FDA-licensed LAL.

$\dagger\lambda$ (lambda) is the lowest concentration of endotoxin to cause a positive test result under standard conditions.

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 25 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.

Pyrosate® Kits

- #PSD10 ----- Pyrosate 0.25 EU/mL 10-Test Kit includes sample test tubes, positive product control test tubes, and disposable pipettes
- #PSD101 ----- Pyrosate 1.0 EU/mL 10-Test Kit includes sample test tubes, positive product control test tubes, and disposable pipettes
- #PSD30 ----- Pyrosate 0.25 EU/mL 30-Test Bulk Package includes sample test tubes and positive product control test tubes only
- #PSD301 ----- Pyrosate 1.0 EU/mL 30-Test Bulk Package includes sample test tubes and positive product control test tubes only
- #PPT50 ----- Disposable 50/pack transfer pipettes for Pyrosate kits

For more information please visit our website at www.acciusa.com or contact Customer Service at (508) 540-3444.

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