

## Pyrotell® Gel-clot Formulation

### General Product Description

Pyrotell® lysate was the first LAL reagent licensed by the US FDA. It is easy to use and is available in both economical multi-test vials and convenient Single Test Vials (STV's). Pyrotell lysate is a robust reagent, producing firm, easily read clots and is resistant to interfering substances. The gel-clot test does not require sophisticated capital equipment and software and is the simplest LAL test to implement.

### Sensitivity

Pyrotell lysate is available in a variety of sensitivities: 0.03 EU/mL; 0.06 EU/mL; 0.125 EU/mL; 0.25 EU/mL. 0.5 EU/mL available in Single Test Vials only.

### Sample to Lysate Ratio

For standard use, a 1:1 mixture of Pyrotell lysate to sample is used.

### Performing the Test

For 2 mL and 5 mL multi-test vials, 100 µL of lysate is mixed with 100 µL of sample in a reaction tube. For single test vials 200 µL of sample is added to the vial, which serves as a reaction tube. Test tubes are incubated at 37°C for 60 minutes ± 2 minutes. A positive test is indicated if the clot remains solid after the inversion of the test tube.

### Reconstitution

Pyrotell multi-test vials may be reconstituted with LAL Reagent Water (LRW), Pyrosol® buffer or Glucashield® buffer. Glucashield buffer, a beta glucan inhibiting buffer is used to render the assay endotoxin specific.

### Stability

The reconstituted lysate is stable for 24 hours at 2–8°C or for up to 3 months at or below -20°C. May be frozen once and will retain activity for as long as 3 months if stored at or below -20°C.



### Packaging

Pyrotell lysate is available in single test vial (STV), 2 mL, or 5 mL fill sizes. The 2 mL and 5 mL vials are sold individually. STV's are sold in packs of ten vials. Control Standard Endotoxin (CSE) is provided separately with a Certificate of Analysis, specific to the Pyrotell lysate lot with which it will be used.

### Accessory Products

1. LAL Reagent Water, available in multiple package sizes, see page 4.2
2. Control Standard Endotoxin, *E. coli* O113:H10, 0.5 µg per vial (E0005)
3. Glucashield® Buffer (GB051), (1→3)-β-D-Glucan Inhibiting Buffer
4. Pyrosol® Buffer with pH indicator (BR051)
5. Pyrosol LAL Reconstitution Buffer (BC051)
6. Pyrotubes® (TS050), 10 x 75 mm soda lime glass test tubes
7. Pyrotubes® (TB240), 12 x 75 mm borosilicate dilution tubes
8. Pyrotubes® (TB013), 13 x 100 mm borosilicate dilution tubes
9. 250 µL Pipette tips (PPT25), endotoxin and glucan-free
10. 1000 µL Pipette tips (PPT10), endotoxin and glucan-free

For more information please visit our website at [www.acciusa.com](http://www.acciusa.com) or contact Technical Services at (800) 848-3248.

#### Multi-Test, 5 mL/vial

#G5003	-----	0.03 EU/mL
#G5006	-----	0.06 EU/mL
#G5125	-----	0.125 EU/mL
#G5250	-----	0.25 EU/mL
#GP5003	-----	0.03 EU/mL (sold with Pyrosol)

#### Multi-Test, 2 mL/vial

#G2003	-----	0.03 EU/mL
#G2006	-----	0.06 EU/mL
#G2125	-----	0.125 EU/mL
#G2250	-----	0.25 EU/mL

#### Single Test Vial (STV) 0.2 mL/vial, 10 vials/pack

#GS003	-----	0.03 EU/mL
#GS006	-----	0.06 EU/mL
#GS125	-----	0.125 EU/mL
#GS250	-----	0.25 EU/mL
#GS500	-----	0.5 EU/mL