

# PyroMed

## LIMULUS AMEBOCYTE LYSATE ( LAL )



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Pyromed LAL Single – Test (STV) is single – use vials containing gel – dot limulus limulus amebocyte lysate (LAL) for the quantitative detection of bacterial endotoxin . Endotoxins are produced by Gram negative bacteria commonly found in water purification systems . LAL is a sensitive and specific way to measure the presence of bacterial endotoxins as the reagent develops an opaque gel in the presence of sufficient Levels of endotoxin. PyroMed LAL STVs are routinely used for endotoxin detection in research samples, renal dialysis process water, and dialysate solutions.



The gel – clot LAL test is a simple, reproducible test that involves mixing a sample of dialysis fluid or water with LAL reagent. After incubating at 37 c for a specific amount of time, the test is complete and results can be interpreted. In a positive gel – clot, a firm gel forms in the tube, indicating That the concentration of endotoxin in the sample is equal to or greater than the labelled sensitivity of the reagent. In a negative test, a firm gel does not form and the sample contains less endotoxin than the labelled sensitivity.

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