

QuickTest™ System Catalog # QT2000

Use for testing large volume IV solutions such as Total Parenteral Nutrition admixtures, for microbial contamination under the conditions of growth described in the Directions For Use and for verifying aseptic technique.

NOTES:

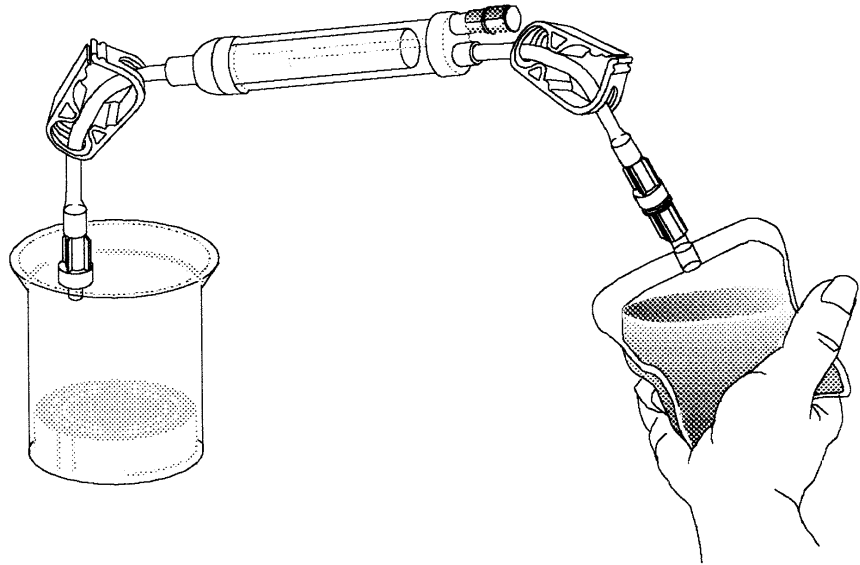
DIRECTIONS FOR USE

- Use in hospital and homecare IV pharmacy Quality Control programs.
 - Use aseptic technique where appropriate.
 - For testing up to 4 liters of liquid.
 - Single use only.
1. Remove and save cover from female luer lock on proximal end of QuickTest.
 2. Connect QuickTest to compounder or pump outlet.
 3. Remove and save cover from distal end of QuickTest.
 4. Firmly attach receiving container connector to male luer connector on distal end of QuickTest.
 5. Depending upon model of compounder or pump, place IV or TPN bag on compounder scale or work bench. Check tubing path to eliminate kinks.
 6. Operate compounder to transfer admixture through QuickTest into receiving container.
 7. Close clamp on distal end of QuickTest. Disconnect receiving container from luer connector on distal end of QuickTest.

NOTE: QuickTest is not intended to filter-sterilize (cold sterilize) contaminated solutions or admixtures made from non-sterile ingredients. Discard filtered solution and receiving container.
 8. Remove and discard empty source container(s) if appropriate.
 9. Remove QuickTest from compounder connector.
 10. Attach female luer connector on proximal end of QuickTest to male luer connector on bag of GroMed™ growth media.

NOTE: The Soybean-Casein Digest Medium growth media is formulated according to USP XXVII requirements for performing microbiological sterility tests.
 11. If admixture being tested does **not** contain an emulsion, squeeze bag of growth media to fill filter chamber with media. Skip direction #12.
 12. TESTING ADMIXTURES CONTAINING EMULSIONS (see illustration): Residual emulsion particles can partially cloud the QuickTest when growth media is added to the filter chamber. Steps a - e will remove most residual emulsion particles and make turbidity caused by microbial growth easier to visualize.

- a. Open clamp on distal end of QuickTest. Position end of tubing in a clean beaker.



- b. Most residual emulsion can be removed by rinsing with 40-80cc of media.
 - c. Agitating the filter chamber while rinsing will help remove emulsion particles. Purged admixture and media used for rinsing should be collected in the beaker and discarded.
 - d. Close clamp on distal end of QuickTest.
 - e. Squeeze media bag to fill QuickTest filter chamber.
13. Close clamp on tubing below proximal female luer connector. Remove and discard bag of growth media. Reattach cover on female luer connector.
 14. Reattach cover to male luer connector on distal end of QuickTest.
 15. Complete, then attach gummed label to filter chamber.
 16. Incubation
USP Chapter <71> Sterility Tests Method: Incubate at $22.5 \pm 2.5^{\circ}\text{C}$ for not less than 14 days. Observe the media on a periodic basis for the 14 days. If the test is positive before 14 days of incubation, further incubation is not necessary.
 17. Remove "piggy back" gummed label from QuickTest and record results in QuickTest log.
 18. Discard used QuickTest filters in a safe manner.

IMPORTANT: Do not use if protective covers are missing or not in place.
Do not use for direct infusion into patient.
Do not resterilize or reuse, discard after use.

