

ASSAY PROCEDURE

Bring specimens and reagents to room temperature (20° to 30°C) before use. To avoid cross-contamination, use a clean disposable pipette for each of the serum samples and for each of the standard solutions.

Step No. 1: Preparation of T-2 Standard Solutions:

- Pipette accurately 0.9 ml of the diluted Washing Buffer into the 4 snap capped tubes pre-labeled: B1, B2, B3 and B4.
- Serially dilute T-2 Toxin by adding 3 drops (with a new disposable plastic transfer pipette) of T-2 Toxin from reconstituted vial labelled T-2 Toxin to tube B1. Mix well (by simple hand agitation). Now take 3 drops from tube labeled B1 and place in tube labeled B2 and mix well.
- Repeat the dilution step by transferring 3 drops of B2 to B3, and then 3 drops from B3 to B4.
- Tubes B1, B2, B3 and B4 constitute successive 10 fold dilutions (1, 1/10, 1/100 and 1/1000 respectively) of the T-2 standard solution and will be used as positive controls for this assay.
- Starting with the more diluted preparation (B4) and using only one pipette, transfer 0.5 ml from each of these tubes (B4, B3, B2 and B1) to tubes SB4, SB3, SB2 and SB1 respectively. To each tube add 0.5 ml of reconstituted rabbit anti-T-2 serum (vial S).