

PREPARATION OF WORKING SOLUTIONS:

1. 1 vial of rabbit anti-T-2 serum (lyophilized). To reconstitute add 0.1 ml of deionized water. Immediately before use, add one drop of reconstituted rabbit anti-T-2 serum to the 8.75 ml solution of washing buffer (vial S). Vial S is now considered as the working solution.
2. 1 vial of T-2 Toxin (200 ug). Add one drop of ethanol to dilute the powder, then add 1 ml of washing buffer (vial T) to tube labelled T-2 Toxin. Vial labelled T-2 Toxin is now considered as the working solution.
3. 1 vial of peroxidase-labelled goat anti-rabbit IgG (affinity purified). To dilute the peroxidase take 1 ml of dilution buffer (vial D) and thoroughly rinse the peroxidase vial. Then, add this mixture to vial D. Vial D is now ready for use.
4. Vial W contains concentrated Washing Buffer (20x) to be added to the 190 ml of deionized water. This solution now becomes the diluted Washing Buffer.
5. 1 vial of ABTS substrate powder (vial F). Dissolve by adding 10 ml of substrate buffer. Immediately before use, add 10 ul of 30% H₂O₂ (vial H) to the ABTS solution (vial F). Vial F is now the working solution.
6. Vial P contains stopping reagent for peroxidase reaction (5% of SDS in a powder form). Dissolve this powder in 20 ml of the diluted washing buffer.