



Rapid Diagnostic Kit for Identification of Rice Tungro Disease



- ✓ A simple, reliable, quick and low-cost diagnostic kit for rice tungro virus identification.
- ✓ Based on nucleic acid identification of virus ensuring confidence in identifying the correct pathogen.
- ✓ A small piece of the card for spotting the suspected plant sample is combined with a reagent mix and processed in a standard PCR machine, provides clear diagnostic results.
- ✓ Disease positive samples can be confirmed by simple gel electrophoresis using standard gel documentation systems.



RTV diagnostic kit and its components

Technology has been certified by ICAR on 16th July 2025

Salient Features & Advantages

- ✓ Simple and rapid - 2.5 hours from sample to result
- ✓ Reproducible results with low cost and user friendly
- ✓ High accuracy in disease detection
- ✓ Farmers can send card (that can be stored in room temperature for 6 months) through post to lab for PCR based detection



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