

## ELISA Reagent Set for Peanut stunt virus (PSV)

**Test Label:** Alkaline Phosphatase

**Test Format:** Double Antibody Sandwich (DAS) ELISA

**Capture Reagent:** Polyclonal

**Detection Reagent:** Polyclonal

### Intended Use:

The intent of this test is to detect *Peanut stunt virus* (PSV) in plant parts and seed.

*Peanut stunt virus* causes severe disease in beans and peanuts. It can also infect a large number of other crops, including alfalfa, clover, cucurbits, tobacco, and tomato.

The aphids, *Myzus persicae*, *Aphis craccivora*, and *Aphis spiraecola* can all transmit PSV in a non-persistent manner. These aphid vectors can spread PSV to highly susceptible crops from reservoir host legumes such as alfalfa and clover, where it can overwinter. PSV can also be seed-transmitted.

This test system has very low background and no cross-reaction with *Cucumber mosaic virus*. Using this test system, you can detect both the eastern strain and the western strain of PSV. Optical density values for samples infected with the eastern strain may be somewhat higher than for samples infected with the western strain.

### Includes:

- Capture antibody
- Alkaline phosphatase enzyme conjugate
- 96-well microtiter plates, solid\* (\*strip in single plate set)
- [User Guide](#)



### India Contact:

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Reagent Set for Peanut stunt virus (PSV), 96 testwells, SRA 44600/0096

Reagent Set for Peanut stunt virus (PSV), 500 testwells, SRA 44600/0500

Reagent Set for Peanut stunt virus (PSV), 1000 testwells, SRA 44600/1000

Reagent Set for Peanut stunt virus (PSV), 5000 testwells, SRA 44600/5000

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