

ImmunoStrip® for Potyvirus Group (Poty)

Agdia's Poty ImmunoStrip® can quickly identify more than 20 members of the *Potyvirus* genus and can be used to test more than 70 different crops. The test can be used in the field or in the lab and requires no experience to perform. Results are available in as little as 5 minutes with a maximum run time of 30 minutes.

Agdia's Potyvirus Group test includes the use of monoclonal antibody (PTY 1) developed by the USDA Florist and Nursery Crops Laboratory in Beltsville, Maryland, USA. The broad reactivity of this antibody is possible because it reacts to a sequence of amino acids on the virus coat protein which is highly conserved among aphid-transmitted potyviruses. This test is intended to be used as a general screening tool. We recommend confirmation of positive results by another method (PCR, etc.).

Potyruses are the largest group of plant pathogens and affect hundreds of crops. Viruses within this genus are transmitted through one or more of the following means: aphid, seed, mechanical, graft and pollen. Potyruses can have a significant impact on crop production including loss of yield, unmarketable product and regulatory impacts.

Included in ISK Kit:

- ImmunoStrips®
- Sample bags containing [SEB1 buffer](#)
- [User Guide](#)
- [Tech Note](#)

Included in STX Item:

- ImmunoStrips®
- [User Guide](#)
- [Tech Note](#)

Option
ImmunoStrip® for Poty, 5 strips and buffer filled bags ISK 27200/0005
ImmunoStrip® for Poty, 25 strips and buffer filled bags ISK 27200/0025
ImmunoStrip® for Poty ***BUFFER FILLED BAGS NOT INCLUDED*** STX 27200/0025

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