



Datasheet

ELISA reagents for the detection of

Potato virus X (PVX) (1)

Coating Reagent (Dilute 1000 x in coating buffer)
 polyclonal antibody (IgG from horse)

_____ Art. No.110411 (1.0 ml for 5000 assays)
 _____ Art. No.110412 (0.2 ml for 1000 assays)
 _____ Art. No.110415 (0.1 ml for 500 assays)

Lot No.

Conjugate Reagent (Dilute 1000 x in conjugate buffer)
 polyclonal IgG conjugated with alkaline phosphatase (AP)

_____ Art. No.110421 (1.0 ml for 5000 assays)
 _____ Art. No.110422 (0.2 ml for 1000 assays)
 _____ Art. No.110425 (0.1 ml for 500 assays)

Lot No.

Store at + 4 C.

Stability guaranteed until the expiration date marked on the vial. Once opened, use within 3-4 months.

Specificity: These reagents were made against PVX (1) and react with a broad spectrum of PVX isolates (i.e., from Europe and South America). A special extraction buffer «bulbs & tubers», containing egg albumin (ovalbumin), is recommended for testing tubers and sprouts of potato (2).

Quality control *Extinction at 405 nm

..... min

..... min

Infected:

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Healthy:

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Extraction buffer, (blanking against air):

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* The extinction values were obtained by following the procedure of double antibody sandwich ELISA (DAS-ELISA) as described on enclosed leaflet. Certified NUNC F-96 Maxisorp microtiter plates were used. Extinction values may vary according to species, variety, tissue, and physiological age of plant; strain of pathogen; microtiter plate; ELISA plate washer and reader. Since these reagents were tested in DAS-ELISA, other procedures or combinations of reagents might not yield optimal results.

Reference:

Approved by:

References

- (1) Bercks, R. 1970. Descriptions of plant viruses. No. 4. CMI/AAB. 4 pp.
 (2) Gugerli, P. 1986. In H.U. Bergmeyer: Methods of Enz. Analysis. Vol. XI. pp. 430-446.