



## Datasheet

ELISA reagents for the detection of

### **Tomato mosaic virus (ToMV) (2)**

a product developed in cooperation with the Deutsche Sammlung von Mikroorganismen und Zellkulturen GmbH (DSMZ), Braunschweig, Germany

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

\_\_\_ Art. No.152615 (0.1 ml for 500 assays)  
\_\_\_ Art. No.152612 (0.2 ml for 1000 assays)

Lot No. ....

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

\_\_\_ Art. No.152625 (0.1 ml for 500 assays)  
\_\_\_ Art. No.152622 (0.2 ml for 1000 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:** The reagents were made against an isolate of ToMV strain 'Dahlemense' from Germany, propagated in *Nicotiana tabacum* cv. Samsun nn (S. Winter, personal communication). The antibodies show cross-reactivity with the tobamoviruses tobacco mosaic virus (TMV) and tobacco mild green mosaic virus (TMGMV) (S. Winter, personal communication).

**Quality control** \*Extinction at 405 nm ..... min ..... min

Infected: ..... .....

Healthy: ..... .....

Extraction buffer, (blinking against air): ..... .....

\* The extinction values were obtained by following the procedure of double antibody sandwich ELISA (DAS-ELISA) (1) 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) Clark, M.F., and Adams, A. N. 1977. J. gen. Virol. 34:475-483.
- (2) Hollings, M., and Huttinga, H. 1976. Descriptions of plant viruses. No. 156. CMI/AAB. 6 pp.