

Plant pathology is a very agile area with new discoveries made frequently by scientific teams and we are eager to react quickly to new findings:

Our **Tobamoscreen-I** has been developed to reliably detect **TMV, ToMV, and PMMoV** in one single ELISA test. The viruses are most infectious and persistent and can be easily transmitted by contact and seeds.

Due to new validation data, the specificity of our Tobamoscreen is now expanded:

Bell Pepper Mottle Virus (BPemV) clearly reacts with the antibodies, allowing the simultaneous detection of four viruses which pose a severe threat, especially to pepper and tomato plants causing significant loss in the yield of marketable fruits.

Overview of the detection of Tobamoviruses by LOEWE® Tobamoscreen-I

Tobacco Mosaic Virus (TMV)	detected	Ribgrass Mosaic virus (RMV)	detected
Tomato Mosaic Virus (ToMV)	detected	Paprika Mild Mottle Virus (PaMMV)	no reaction
Pepper Mild Mottle Virus (PMMoV)	detected	Tobacco Mild Green Mosaic Virus (TMGMV, TMV strain U2)	slight reaction
Bell Pepper Mottle virus (BPemV)	detected	Turnip vein-clearing virus (TVCV)	slight reaction
Tomato Brown Rugose Fruit Virus (ToBRFV)	very slight reaction	Other Tobamoviruses (CGMMV, ZGMMV, OdRSV)	not detected

Order information:

LOEWE® Reagents are available as ELISA sets or complete kits for many test sizes:

07184S/100	Tobamoscreen® I set / 100
07184S/300	Tobamoscreen® I set / 300
07184S/500	Tobamoscreen® I set / 500
07184S/1000	Tobamoscreen® I set / 1000
07184S/5000	Tobamoscreen® I set / 5000
07184C/096	Tobamoscreen® I complete kit / 96
07184C/480	Tobamoscreen® I complete kit / 480
07184C/960	Tobamoscreen® I complete kit / 960
07184C/4800	Tobamoscreen® I complete kit / 4800
07184PC	Positive Control Tobamoscreen® I
07184NC	Negative Control Tobamoscreen® I



For more information on the detection of Tobamoviruses contact us or visit our website: www.loewe.info.com