VALIDATION DATA SHEET

Member of the European Plant Diagnostic Industry Association

This validation data sheet has been produced following recommendations of the EPDIA Quality Charter.
For further information, please visit the EPDIA website (www.epdia.eu)

PRODUCT/TEST CODE	BaMMV Full kit (500, 1000 tests) / BaMM-XRA 0500; BaMM-XRA 1000
Product/test description	ELISA diagnostic kit for BaMMV
MANUFACTURER	SEDIAG SAS Technopôle Agro-Environnement Bâtiment B – 2eme étage RD 31 21110 Bretenière France Tél: +33 (0) 3 80 67 49 42 mail: info@sediag.fr Web: https://sediag.fr/

GENERAL INFORMATION

Target Organism(s)	Barley Mild Mosaic Virus (BaMMV)
Method	TAS-ELISA
References	**Hariri, D; Meyer, M; Le Gouis, J, Bahrman N, Fouchard M, Forget C, Andre A. 2000.** Characterisation of BaYMV and BaMMV pathotypes in France. EUROPEAN JOURNAL OF PLANT PATHOLOGY. Volume: 106. Issue: 4. Pages: 365-372. **Hariri, D. 1999.** Production of monoclonal antibodies to barley mild mosaic virus and their use for strain differentiation. JOURNAL OF PHYTOPATHOLOGY-PHYTOPATHOLOGISCHE ZEITSCHRIFT Volume: 147. Issue: 6. Pages: 353-357.

SCOPE

Scope	Detection of BaMMV in plant material
Matrix	Barley leaves
Tested species	Barley

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PERFORMANCE CHARACTERISTICS

Analytical specificity *(ability of the product/test to distinguish the target organism from other organisms and the degree in which the product/test can distinguish known variants of the organism)*	100% Target organism: leaves barley, positive control infected by BaMMV. Other organism: leaves barley infected by BYDV-pav and BaYMV. Internal method.
Cross reaction with	NA
Analytical sensitivity *(limit of detection)*	100% (Limit of detection intern reference material: approximately 1/32)
Reproducibility *(ability of the kit to provide consistent results when applied to aliquots of the same sample tested under different conditions)*	96.67%
Repeatability *(the level of agreement between replicates of a sample tested under the same conditions)*	96.67%
Other performance characteristics	NA

REFERENCE MATERIAL

Type of reference material	Barley leaves
Reference material control	TAS-ELISA

OTHER INFORMATION

Any other information considered useful	NA