



VALIDATION DATA SHEET



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

GENERAL INFORMATION

Target Organism(s)	Alfalfa Mosaic Virus (AMV)
Method	DAS-ELISA
References	-

SCOPE

Scope	Detection of AMV in plant material
Matrix	Tomato leaves
Tested species	Tomato

PERFORMANCE CHARACTERISTICS

Analytical specificity <i>(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)</i>	100% Target organism: leaves tomato, positive control infected by AMV. Other organism: leaves tomato infected by PVM, ToMV, leaf tobacco infected by TMV, TEV. Internal method.
Cross reaction with	No cross reaction known
Analytical sensitivity <i>(limit of detection)</i>	100% (Limit of detection internal reference material: approximately 1/32)
Reproducibility <i>(ability of the kit to provide consistent results when applied to aliquots of the same sample tested under different conditions)</i>	100 %
Repeatability <i>(the level of agreement between replicates of a sample tested under the same conditions)</i>	100 %
Other performance characteristics	NA

REFERENCE MATERIAL

Type of reference material	Tomato leaves
Reference material control	DAS-ELISA

OTHER INFORMATION

Any other information considered useful	NA
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