

## Product Information: DAS-ELISA

# Bean common mosaic necrosis virus (BCMNV)

Bean common mosaic necrosis virus (BCMNV; synonym: Bean common mosaic virus - serotype A), a potyvirus, is transmitted by several aphid species and by seed (1). Main affected crops are different beans (*Phaseolus* species) where the virus can cause significant yield loss. This seed-borne virus can persist in infected seed lots.

### Specificity and sampling instruction

The reagents were made against a BCMNV isolate from Ruanda (M. Turina, personal communication) and react specifically with BCMNV in DAS-ELISA (2). All strains of BCMNV tested so far have been detected. Samples are homogenized 1:20 (w/v) in extraction buffer «General» (Art. No. 110120).

The product is based on antibodies from the National Research Council (Institute for Sustainable Plant Protection), Torino, Italy.

### Information on the antibodies

Coating IgG: polyclonal; conjugate: polyclonal

### References

- (1) Brunt, A.A., Crabtree, K., Dallwitz, M.J., Gibbs, A.J., Watson, L. and Zurcher, E.J. (eds.) (1996 onwards). `Plant Viruses Online: Descriptions and Lists from the VIDE Database. Version: 20th August 1996.
- (2) Clark, M.F. and Adams, A.N. 1977. J. gen. Virol. 34:475-483.

### Ordering Information

**BIOREBA offers the following formats:**

**Individual ELISA reagents** for 96, 480 or 960 assays: IgG and/or conjugate for the working volume of 200 µl/test/well.

**Reagent sets** for 480 or 960 assays: IgG and conjugate, positive and negative controls, and microtiter plates (F-96) for a working volume of 200 µl/test/well.

**Complete kits** for 96, 480 or 960 assays: All reagents, controls, microtiter plates (F-96), buffers, and substrate necessary for a working volume of 200 µl/test/well.

ELISA buffers, equipment for sample preparation and disposables are also available.

For all Art. No. please refer to our product catalogue or our homepage [www.bioreba.com](http://www.bioreba.com) and for prices and further information on any other product from BIOREBA, please contact your local distributor or our office in Switzerland.

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Adaptations from last version: new ordering information; minor modifications.