



Eurofins Technologies GMO Testing ELISA Kits and Lateral Flow Devices

Cultivation of genetically modified (GM) crops has increased significantly around the globe over the years. This increase in production has been combined with a complex and ever evolving global regulatory approval process for GM products, therefore requiring the testing of food and agricultural products for genetically modified content in order to facilitate international trade. The GMO analysis can be performed either in the field or in a testing laboratory.

GMO Detection with ELISA and LFD Kits

Eurofins Technologies offers an extensive portfolio of GMO testing kits in ELISA and rapid test formats. Accurate and reliable solutions are available for the analysis of key genetically modified crops, such as cotton, soybean, corn and canola.

Key Benefits of ELISA Kits

- Matching pair of monoclonal antibodies
- Standardized test procedure
- Only one washing step during the ELISA test
- Unmatched sensitivity and specificity for the assayed target
- Consistent performance within the batch and across batches

Key Benefits of Lateral Flow Devices

- Rapid on-site testing
- Reliable result with no lab equipment

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ELISA Kits for Detection of GMOs

The Cry1Ac ELISA test kits are intended to be used for the qualitative or quantitative detection of different toxins in individual leaves, seeds or bulk seed powders.



| Article No. | Product name | Product description | Quantity |
|-------------|---------------------------------|--|------------------|
| AID 007 | Cry1Ac/Ab ELISA kit | Corn/ cotton individual leaf, Seed | 1, 10, 50 or 100 |
| AID 008 | Cry2A ELISA kit | Corn/cotton individual leaf, Seed | 1, 10, 50 or 100 |
| AID 011 | CP4EPSPS (RR) ELISA kit | Cotton/Corn/Soybean individual leaf, seed | 1, 10, 50 or 100 |
| AID 017 | Cry1Ac/Cry2A combined ELISA kit | Cotton individual seed, leaf | 50 or 100 |
| AID 018 | PAT/bar ELISA kit | Cotton/Corn/Canola/Mustard individual leaf, seed | 1, 10, 50 or 100 |
| AID 023 | Vip3A ELISA kit | Cotton individual leaf, seed | 1, 10, 50 or 100 |
| AID 027 | PAT/pat ELISA kit | Cotton/Corn leaf, seed | 1, 10, 50 or 100 |
| AID 004 | Cry1F ELISA kit | Corn/Cotton individual leaf, seed | 1, 10, 50 or 100 |
| AID 021 | HPPD ELISA kit | Soybean/Cotton individual seed | 1 or 10 |
| AID 051 | eCry3.1Ab ELISA kit | Corn leaf, seed, bulk grain | 10, 50 plates |
| AID 052 | Modified Cry3A ELISA kit | Corn leaf, seed, bulk grain | 10, 50 plates |
| AID 053 | Cry3Bb ELISA kit | Corn leaf, seed, bulk grain | 10, 50 plates |
| AID 059 | Vip3 ELISA kit | Corn leaf, seed, bulk grain | 10, 50 plates |

AP testing - Bulk Cotton Seeds

Lateral Flow tests provide fast, qualitative on-site solutions for the detection of presence or absence of GMOs. LFDs are available in 2 different formats, in single seed and leaf testing, or bulk grain testing.



| Article No. | Product name | Product description | No. of Strips |
|-------------|------------------------------------|----------------------------|---------------|
| AID 040 | CP4EPSPS (RR) LFS kit | Bulk soy bean grain (0.1%) | 100 |
| AID 042 | CP4EPSPS (RR) LFS kit | Bulk corn grain (0.1%) | 100 |
| AID 043 | CP4EPSPS (RR) LFS kit | Bulk cotton seeds (0.1%) | 100 |
| AID 044 | Cry1Ac LFS kit | Bulk cotton seeds (0.25%) | 100 |
| AID 045 | Cry1Ab LFS kit | Bulk corn grain (0.8%) | 100 |
| AID 046 | Cry2A LFS kit | Bulk cotton seeds (0.25%) | 100 |
| AID 047 | Cry2A LFS kit | Bulk corn grain (1%) | 100 |
| AID 048 | Vip3A LFS kit | Bulk corn grain (0.25%) | 100 |
| AID 050 | Cry1F LFS kit | Bulk corn grain (0.5 %) | 100 |
| AID 058 | eCry3A and Cry3Bb combined LFS kit | Corn bulk grain (0.5 %) | 100 |
| AID 060 | Cry3Bb LFS kit | Corn bulk grain (0.2%) | 100 |

Individual Leaf and Seed



| Article No. | Product name | Product description | No. of Strips |
|-------------|----------------------------|--|---------------|
| AID 032 | Cry1Ac LFS kit | Individual Cotton leaf, seed | 100 |
| AID 033 | Cry1F LFS kit | Individual Corn/Cotton leaf, seed | 100 |
| AID 026 | Cry2A LFS kit | Individual Corn/Cotton leaf, seed | 100 |
| AID 031 | Vip3A LFS kit | Individual Corn/Cotton leaf, seed | 100 |
| AID 041 | Cry1Ab LFS kit | Individual Corn leaf, seed | 100 |
| AID 025 | CP4EPSPS (RR) LFS kit | Individual Corn/Soybean leaf, seed | 100 |
| AID 024 | HPPD LFS kit | Individual Soybean, Cotton leaf, seed | 100 |
| AID 029 | PAT/Pat LFS kit | Individual Corn leaf, seed | 100 |
| AID 037 | Cry1Ac/Cry2A | Individual Cotton seed only | 100 |
| AID 038 | Cry1Ac/Cry2A | Individual Cotton seed, leaf | 100 |
| AID 036 | Cry1Ab/CP4EPSPS (RR) | Individual Corn leaf, seed | 100 |
| AID 034 | Cry1Ac/Cry2A/CP4EPSPS (RR) | Individual Cotton seed | 100 |
| AID 035 | Cry1Ac/Cry2A/CP4EPSPS (RR) | Individual Cotton seed/leaf | 100 |
| AID 039 | CP4EPSPS (RR) LFS kit | Individual Cotton leaf, seed | 100 |
| AID 049 | PAT/bar LFS kit | Individual mustard or canola leaf/seed | 100 |
| AID 057 | Modified Cry3A LFS kit | Individual Corn leaf and seed | 100 |
| AID 054 | Cry3Bb LFS kit | Individual Corn leaf and seed | 100 |