

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	Quantity
AID 040	CP4EPSPS (RR) LFS kit	Bulk soybean 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	Quantity
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/CP4EP-SPS (RR)	Individual Cotton seed	100
AID 035	Cry1Ac/Cry2A/CP4EP-SPS (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



Technologies



Eurofins Technologies GMO Test Kits

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. As time is an important competitive factor for the food and feed industry, intelligent, analytical approaches that offer fast and cost-efficient analysis are essential.

Eurofins Technologies has an excellent overview of the worldwide GMO approval and cultivation situation and regularly adapts its portfolio of detection kits to meet the most recent market demands.

Intelligent Portfolio for PCR and real-time PCR GMO Kits

The intelligent portfolio for PCR and real-time PCR GMO kits deliver improved cost and testing efficiency. The kits cover the entire spectrum of GMO detection, from screening and identification to precise quantification of trace components of GMO material.

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.

Eurofins Technologies

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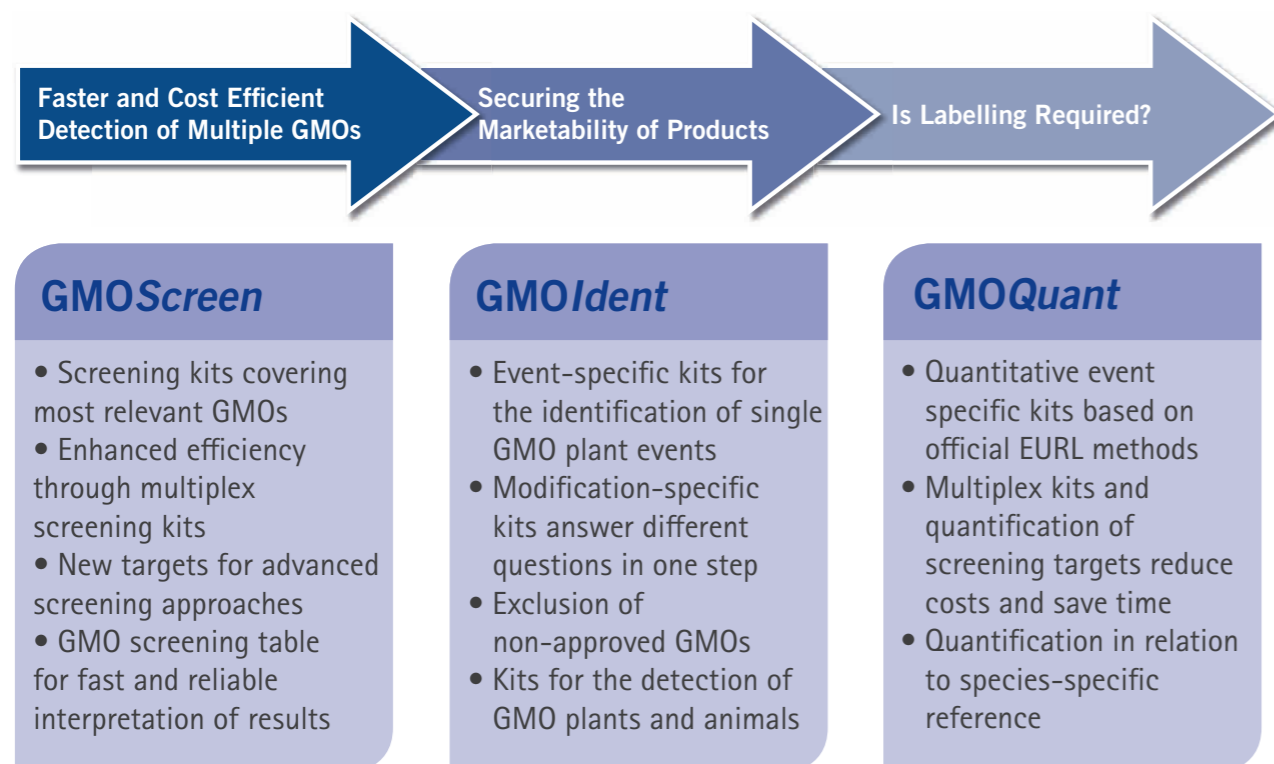


Real-Time and Conventional PCR GMO Portfolio

Eurofins GeneScan is recognised worldwide for its expertise and leading performance in the field of bio-molecular testing for GMOs. Our versatile GMO PCR methods have been adapted to the volatile and current market situation and are verified daily.

Our experts at the GMO Competence Centre support customers with **custom-tailored analysis strategies**, which allow producers to ensure the quality of their products – from seed to raw material up until the final product.

The Three Pillars of GMO Testing



Verification Kits

We also provide verifications kits for GMOScreen RT 35S/NOS/FMV and GMOQuant kits. These kits include all components, which are required for the EURL recommended verification of the corresponding kit.

Relevant Species



Key Benefits

- Broadest portfolio of GMO testing kits worldwide
- Excellent overview of the global GMO approval and cultivation situation
- Regular adaptation of the detection kits portfolio to market demands

The GMO testing portfolio is complemented by:

- DNA extraction kits
- Plant species detection kits
- Kits for quantification of botanical impurities
- Kits for exclusion of positive results caused by plant pathogens

ELISA Kits for the 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	CP4EPS (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

Additional GMO ELISA Kits and Proteins

Article No.	Product Name	Product Format	Quantity
510001	Bt Cr1Ab/Cry1Ac	ELISA Plate	96 tests
510006	Bt Cry1F	ELISA Plate	96 tests
510101	CP4EPSP	ELISA Plate	96 tests
300003	Cry1Ab	Protein	10 ug
250020	Cry1Ac	Protein	10 ug
250030	Cry1F	Protein	10 ug
250040	Cry2A	Protein	10 ug
250050	Cry3B	Protein	10 ug
250060	Cry9C	Protein	10 ug

Key Benefits

- Consistent performance
- Standardized test procedure
- Matching pair of monoclonal antibodies
- Only one washing step during the ELISA test
- High sensitivity and specificity for the target assay

