

Afla-READ™

ELISA Kit

One kit fits all matrices!

► Easy, quick and low-priced screening for aflatoxin B1 in food and feed

AflaREAD™ by LCTech quantitatively detects aflatoxin B1 - a mycotoxin, harmful even in low concentrations in food and feed and therefore strictly regulated by law.

The kit with a 96-well ELISA plate is delivered ready-to-use and thus easy to handle. The detection range is 2 - 100 ppb.

Even for difficult matrices no prior clean-up of the sample extract (like SPE or immunoaffinity columns) is needed.

Your advantages at a glance:

- Only two extraction methods for all kinds of solid samples
- Extract can also be used for the screening for ochratoxin A using LCTech OtaREAD™ (see back side)
- Best reproducibility and repeatability due to standardized quality
- Compatible with eluates from LCTech immunoaffinity columns
- No washer, shaker or incubator needed
- High sample throughput: 96 samples (incl. standards) in 130 minutes
- Long shelf-life (12 months)
- Low-priced kit



Ready-to-use: all chemical agents included



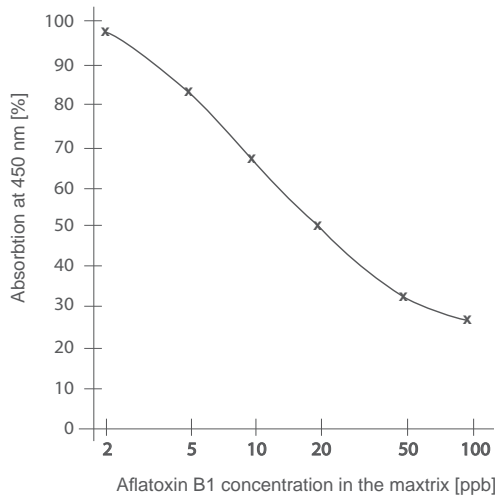
Easy: helpful short instruction



Flexible: 8-well stripes can be used separately



AflaREAD™, the reliable rapid test by LCTech:



Representative test of a standard with AflaREAD™

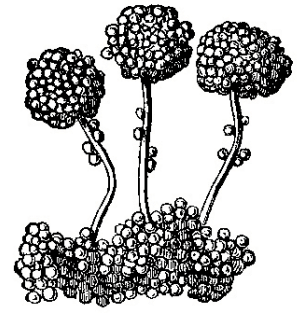
The slope of the standard curve ensures clear and precise results.

Matrix	ELISA [ppb]	HPLC [ppb]
Rice	0	0
	4.1	3.9
	10.6	9.0
Peanut butter	0	0
	2.7	3.2
	11.3	11.7
Brazil nut	0	0
	4.5	4.0
	8.0	7.5
Noodles	0	0
	3.2	3.7
	8.5	7.6

The direct comparison of measurements using AflaREAD™ with results from immunoaffinity columns and HPLC/FLD shows very good consistencies.

AflaREAD™ results are reliable.

Mycotoxins



Aspergillus sp., molds producing mycotoxins

Under inappropriate storage conditions for food and feed molds like *Aspergillus sp.* often produce mycotoxins - secondary metabolites, which render consumption or further processing impossible.

Mycotoxins can be found worldwide in a broad range of food and feed.

Because of their hazardous characteristics, resulting in strict legal regulations, analysis needs to be effective, sensitive and reliable.

AflaREAD™ shows cross-reactivity to the aflatoxins B2, G1 and G2.



LCTech checks each charge in-house for functionality and documents the results with a quality certificate.

Ordering information

AflaREAD™, ELISA Kit for the detection of aflatoxin B1

P/N 11139

with 96-well ELISA plate, standards and all necessary chemical agents, ready-to-use

▶ Another LCTech product for your mycotoxin analysis:

OtaREAD™ ELISA Kit

quickly and reliably screens for ochratoxin A in a broad range of feed and food.

P/N 11068



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