



**Afla**READ™

## **ELISA Kit for the Detection of Aflatoxin B1 in Food and Feed Samples**

*When food and feed are stored under inappropriate conditions, storage fungi will produce mycotoxins – secondary metabolites, which often render consumption or further processing impossible. Because of their toxic and hazardous characteristics, resulting in strict EU-wide regulations, analysis needs to be extremely effective, sensitive and reliable.*

*LCTech's AflaREAD™ ELISA kit quantitatively detects Aflatoxin B1, harmful even in small concentrations. The immunological test procedure is based on an enzymatic colour reaction. It allows quick and easy screening of Aflatoxin B1 in a variety of products like e.g. nuts, almonds, rice, maize, spices or animal feed.*

*AflaREAD™ is delivered ready-to-use and can directly be used for screening sample extracts without further pre-treatment. The AflaREAD™ kit consists of a shrink-wrapped, coated ELISA plate, the standard solutions and all necessary substances. A comprehensive manual guides you through the effective and uncomplicated analysis.*

*With 0.1 ppb AflaREAD™ has an extremely low detection limit – unattainable by similar screening products. This makes it possible to perform a reliable screening of food products with very strict regulations like baby food. Due to this excellent sensitivity interfering matrix effects can be significantly reduced by simple dilution.*

### **Advantages at a glance:**

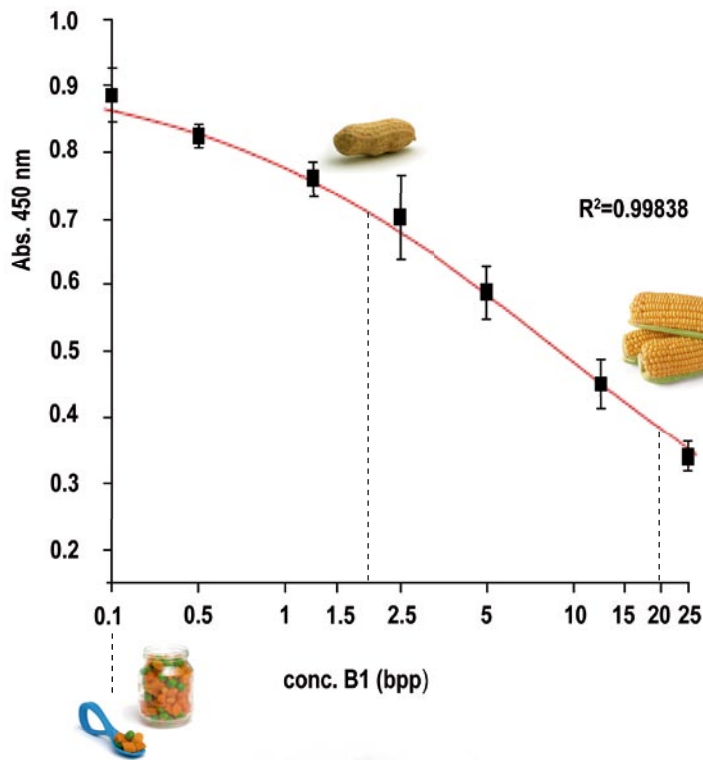
- reduced costs (no analytical instruments needed)
- very high sample throughput (88 samples in less than 2 hours)
- unmatched sensitivity (0.1 ppb)
- fast and significant results
- highest reproducibility
- long shelf-life (at least 12 months)
- easy handling



**For further information  
please contact  
[mycotoxins@Lctech.de](mailto:mycotoxins@Lctech.de)**



The detection maximum is 25 ppb, for higher concentrations the sample is diluted in the run-up to the analysis.



Representative test of a standard, with exemplary limits in accordance with EU regulations.

Another product by LCTech for your mycotoxin analysis:

Using OtaREAD™ you can quickly and easily screen food and feed for Ochratoxin A.

## Ordering information

ELISA Kit Aflatoxin

Part No. 11139

consisting of:

ELISA plate, coated

Standard solutions 1-8 (0-5 ng/mL)

Detection solution

Washing solution

Dying solution

Stopping solution

Dilution buffer



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

LCTech GmbH

Bahnweg 41

D-84405 Dorfen

Fon ++49(0)8081-9368-0

Fax ++49(0)8081-9368-10

mycotoxins@Lctech.de

www.Lctech.de

