

## ELISA TEST KITS

# OtaREAD™ & AflaREAD™

### AFLATOXIN AND OCHRATOXIN ELISA TEST KITS

The contamination of food and feed is a worldwide problem. Under inappropriate storage conditions fungi will produce secondary metabolites like mycotoxins, which often render consumption or further processing impossible. Because of the toxic and hazardous characteristics, resulting in strict regulations, analysis needs to be extremely effective, sensitive and reliable.

The ELISA Test kits from LCTech OtaREAD and AflaREAD met and exceed all regulatory requirements. OtaREAD quantitatively detects Ochratoxin A and AflaREAD™ quantitatively detects Aflatoxin B1. The immunological test procedure is based on antibody-antigen recognition and enzymatic color reaction. It leads to a reliable result after a short incubation period and performs quick and sensitive screening of a variety of food products like rice, maize, cocoa, coffee, peanut butter, beer, wine, liquorice and animal feed.

AflaREAD has an extremely low detection limit of 0.1 ppb 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.

OtaREAD and AflaREAD kits are delivered ready-to-use and can directly be used for screening sample extracts without further pre-treatment. These kits consist of a shrink-wrapped, coated ELISA plate, the standard solutions and all necessary reagents and a comprehensive manual to guide you through the effective and easy analysis.

### FEATURES

- ➔ REDUCED COSTS  
(NO ANALYTICAL INSTRUMENTS NEEDED)
- ➔ VERY HIGH SAMPLE THROUGHPUT  
(88 SAMPLES IN LESS THAN 2 HOURS)
- ➔ UNMATCHED AFLATOXIN B1 SENSITIVITY (0.1 PPB)
- ➔ UNMATCHED OCHRATOXIN A SENSITIVITY OF (0.5 PPB)
- ➔ FAST AND RELIABLE RESULTS
- ➔ HIGHEST REPRODUCIBILITY
- ➔ LONG SHELF-LIFE (AT LEAST 12 MONTHS)
- ➔ EASY HANDLING
- ➔ WIDE RANGE OF MATRICES INCLUDING  
DRIED DISTILLERS GRAIN

### CONSISTING OF

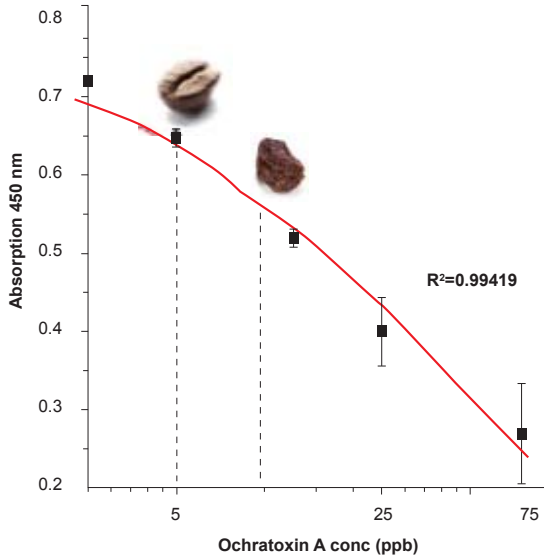
- ➔ ELISA PLATE, COATED
- ➔ STANDARD SOLUTIONS 1-8 (0-15 NG/ML)
- ➔ DETECTION SOLUTION
- ➔ WASHING SOLUTION
- ➔ DYING SOLUTION
- ➔ STOPPING SOLUTION
- ➔ DILUTION BUFFER

### ELISA KITS

CATALOG NO.	DESCRIPTION
11139	AflaREAD, ELISA Kit (96 well) for the Detection of Aflatoxin B1
11068	OtaREAD, ELISA Kit (96 well) for the Detection of Ochratoxin A

**OTAREAD OCHRATOXIN A**

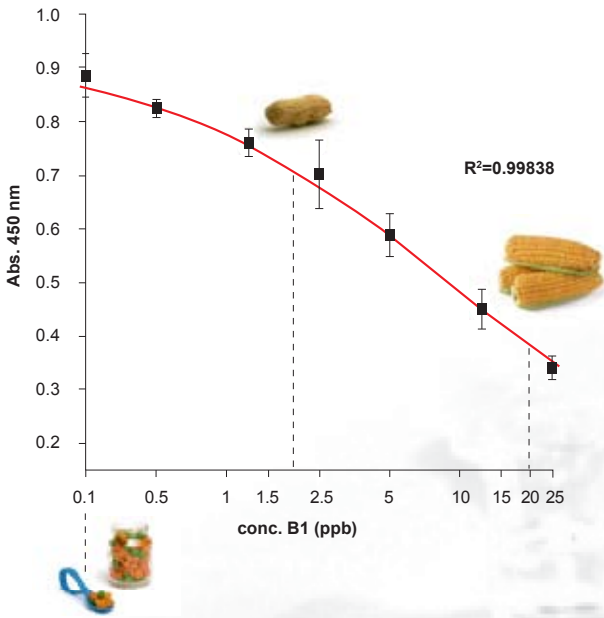
The LCTech ELISA kit has a detection limit of 5 ppb and thus is a very sensitive method. The detection maximum is 75 ppb, for higher concentrations the sample is diluted in the run-up to the analysis.



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

**ALFAREAD AFLATOXIN A**

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.*