

Aflatoxin B1 ELISA Kit | AFB1 elisa kit

Aflatoxin B1 (AFB1) ELISA Kit

CATALOG #
AAA13200

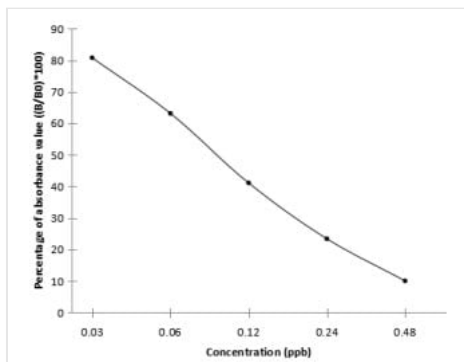
PRODUCT SYNONYMS

Aflatoxin B1; Aflatoxin B1 (AFB1) ELISA Kit; AFB1 elisa kit

PRODUCT SPECIFICATIONS

Assay Type	Quantitative Competitive
Samples	Cereal, highly absorbent samples (corn husks, bran), cooking oil, peanut oil, food or seasoning (sauce, biscuits, pastries), beer, wine, soy sauce, vinegar, tea, wheat
Detection Range	0.03 ppb - 0.48 ppb
Sensitivity	0.03 ppb
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AFB1 elisa kit

Principle of the Assay: This assay is based on the competitive enzyme immunoassay for the detection of AFB1 in the sample. The coupling antigens are pre-coated on the micro-well stripes. The AFB1 in the sample and the coupling antigens pre-coated on the micro-well stripes compete for the anti-AFB1 antibodies. After the addition of the enzyme conjugate, the TMB substrate is added for coloration. The optical density (OD) value of the sample has a negative correlation with the AFB1 in it. This value is compared to the standard curve and the AFB1 concentration is subsequently obtained.

Intended Uses: For the quantitative detection of Aflatoxin B1 (AFB1) concentration in cereal, highly absorbent samples (corn husks, bran), cooking oil, peanut oil, food or seasoning (sauce, biscuits, pastries), beer, wine, soy sauce, vinegar, tea, wheat.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/afb1-elisa-kits/aflatoxin-b1/13200>