

Aflatoxin total ELISA Kit

Aflatoxin total ELISA

CATALOG #
AAA72723

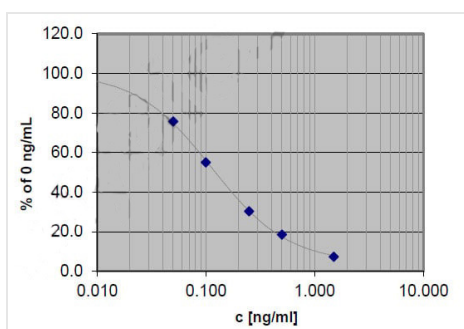
PRODUCT SYNONYMS

Aflatoxin total; Aflatoxin total ELISA; Aflatoxin total elisa kit

PRODUCT SPECIFICATIONS

Samples	Food
Sensitivity	0.046 ng/mL
Preparation and Storage	Store at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Aflatoxin total elisa kit

Principle of the Assay: The Demeditec Aflatoxin total quantitative test is based on the principle of the enzyme-linked immuno-sorbent assay. An antibody binding protein is coated on the surface of a microtiter plate. Aflatoxins containing samples or standards, an aflatoxin-peroxidase conjugate and an antibody directed against aflatoxins are given into the wells of the microtiter plate. The conjugate competes with the aflatoxins of samples/standards for the limited number of antibody sites. Simultaneously the anti-aflatoxin antibody is bound to the antibody-binding protein coated on the microtiter plate. After 30 minutes incubation at room temperature the wells are washed with diluted washing solution to remove unbound material. A substrate solution is added and incubated for 15 minutes, resulting in the development of a blue colour. The colour development is inhibited by the addition of a stop solution, and the colour turns yellow. The yellow colour is measured photometrically at 450 nm. The concentration of aflatoxins is inversely proportional to the colour intensity of the test sample.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/elisa-kits/aflatoxin-total/72723>