product AS11 1682
Aflatoxin B1, Total IgG (2.5 mg)

product information

Background
Aflatoxins are naturally occurring mycotoxins that are produced by many species of *Aspergillus*. Aflatoxins are toxic and among the most carcinogenic substances known. Crops which are frequently affected by *Aspergillus* include cereals (maize, sorghum, pearl millet, rice, wheat), oilseeds (peanut, soybean, sunflower, cotton), spices (chile peppers, black pepper, coriander, turmeric, ginger), and tree nuts (almond, pistachio, walnut, coconut, brazil nut).

Immunogen
BSA-conjugated aflatoxin B1

Host
Rabbit

Clonality
Polyclonal

Purity
Total IgG

Format
Lyophilized in PBS pH 7.4

Quantity
2.5 mg

Reconstitution
For reconstitution add 2.5 ml of sterile water.

Storage
Store at 4 °C following reconstitution.

Tested applications
ELISA (ELISA)

Related products
AS11 1733 | Anti-Aflatoxin B1 (0.5 mg total IgG)
AS11 1662 | Anti-Aflatoxin B1 (100 ul serum)
AS11 1640 | Anti-Aflatoxin B1 (1 ml serum)
AS15 2851 | Anti-Aflatoxin B1, monoclonal antibody

Additional information
Purified antibodies were dialized against dionized water.

Application information

Recommended dilution
The optimal working dilution should be determined by the investigator.

Confirmed reactivity
Aflatoxin B1 (100%). Shows very week crossreaction with Aflatoxin M1 (0.2%), Aflatoxin B2 (0.3%), Aflatoxin G1 (0.1%) and Aflatoxin G2 (0.1%).

Not reactive in
No confirmed exceptions from predicted reactivity are currently known.

Additional information
Antibodies are in a format of total IgG purified on protein G.Manufactured by Antiprot.

Selected references
To be added when available