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Datasheet for ABIN343762
anti-Aflatoxin B1 antibody

Overview

Quantity:	0.5 mg
Target:	Aflatoxin B1 (AFB1)
Reactivity:	Aspergillus flavus, Aspergillus parasiticus
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Aflatoxin B1 antibody is un-conjugated
Application:	ELISA

Product Details

Immunogen:	aflatoxin B1 conjugated to BSA
Isotype:	IgG
Specificity:	Reacts with 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%).
Purification:	polyclonal affinity purified on protein A IgGs

Target Details

Target:	Aflatoxin B1 (AFB1)
Alternative Name:	Aflatoxin B1 (AFB1 Products)
Background:	Aflatoxins are naturally occurring mycotoxins that are produced by many species of Aspergillus. Aflatoxins are toxic and among the most carcinogenic substances known. After entering the body, aflatoxins are metabolized by the liver to a reactive intermediate, aflatoxin M

Target Details

1, an epoxide. Aflatoxin-producing members of *Aspergillus* are common and widespread in nature. They can colonize and contaminate grain before harvest or during storage. Crops which are frequently affected 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). The toxin can also be found in the milk of animals which are fed contaminated feed. For research purposes only

Structure of aflatoxin B1

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Purified IgGs were diluted in bidest. water and lyophilised

Storage: 4 °C