

## Datasheet for ABIN343757 **anti-Aflatoxin M1 antibody**



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### Overview

Quantity:	100 µL
Target:	Aflatoxin M1
Reactivity:	Aspergillus flavus, Aspergillus parasiticus
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Aflatoxin M1 antibody is un-conjugated
Application:	ELISA

### Product Details

Immunogen:	aflatoxin M1 conjugated to BSA
Specificity:	Reacts with aflatoxin M1 (100%). Weak crossreaction with aflatoxin B1 (2%), aflatoxin B2 (0.4%), aflatoxin G1 (0.4%), aflatoxin G2 (0.1%)

### Target Details

Target:	Aflatoxin M1
Abstract:	<a href="#">Aflatoxin M1 Products</a>
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 M1, 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

Target Details

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

Application Details

Restrictions: For Research Use only

Handling

Format:	Liquid
Buffer:	Phosphate buffered saline, pH 7.2, 0.05% Sodium Azide (NaN 3 )
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C