Datasheet for ABIN343772

anti-Deoxynivalenol antibody

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Overview

Quantity:	0.2 mg
Target:	Deoxynivalenol (DON)
Reactivity:	Fusarium
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Deoxynivalenol antibody is un-conjugated
Application:	ELISA

Product Details

Immunogen:	deoxynivalenol conjugated to BSA
Isotype:	IgG
Specificity:	Reacts with Fusarium species
Purification:	polyclonal affinity purified on protein A IgGs

Target Details

Target:	Deoxynivalenol (DON)
Abstract:	DON Products
Target Type:	Chemical
Background:	Deoxynivalenol (DON) or vomitoxin, is a type B trichothecene, an epoxy-sesquiterpeneoid. This mycotoxin occurs predominantly in grains such as wheat, barley, oats, rye, and maize, and less

Target Details

	often in rice, sorghum, and triticale. The occurrence of deoxynivalenol is associated primarily with Fusarium graminearum (Gibberella zeae) and F. culmorum, both of which are important plant pathogens which cause Fusarium head blight in wheat and Gibberella ear rot in maize. A direct relationship between the incidence of Fusarium head blight and contamination of wheat with deoxynivalenol has been established. The incidence of Fusarium head blight is strongly associated with moisture at the time of flowering (anthesis), and the timing of rainfall, rather than the amount, is the most critical factor. Furthermore, deoxynivalenol contents are significantly affected by the susceptibility of cultivars towards Fusarium species, previous crop, tillage practices, and fungicide use. For research purposes only Structure of deoxynivalenol

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	purified IgGs were dialysed against bidest. water and lyophilised
Storage:	4 °C