

ARG80820 Fungi Zearalenone (Rapid/HS) ELISA Kit

Package: 96 wells

Store at: 4°C

Summary

Product Description	ARG80820 Fungi Zearalenone (Rapid/HS) ELISA Kit is a rapid and high sensitive ELISA Kit for the quantification of Zearalenone in cereals and beer/gyle.
Tested Reactivity	Other
Tested Application	ELISA
Target Name	Zearalenone
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm
Sensitivity	5 ppb
Sample Type	Cereals and beer/gyle.
Standard Range	10 - 500 ppb
Sample Volume	100 µl

Application Instructions

Assay Time	10 (RT), 10 min (RT/dark)
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Properties

Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Full Name	Zearalenone
Background	<p>Zearalenone in addition to fumonisin, deoxynivalenol and other trichothecenes belongs to the fusarium toxins. These toxins are already produced on the field in consequence of a contact of the cereals by fusarium species. These moulds infect grain and other types of food like peanuts and beans already during their growth. When a considerable amount of zearalenone contaminated feed is taken up by cows, it can also be detected in their milk. Even in beer it could be found. Zearalenone shows a strong estrogen-like activity. Thus zearalenone can cause an enlargement of the uterus, diminution of the ovarian glands and even infertility. Zearalenone is one of the main contaminants of farm products, which can be taken up by humans and animals.</p> <p>In the European Union the limits are 20 – 400 ppb for food products. Thus a monitoring of food and feed with respect to the concentration of zearalenone is obligatory.</p> <p>The Zearalenone (Rapid) ELISA Kit (HS) represents a highly sensitive detection system and is particularly</p>

capable of the rapid quantification of zearalenone contaminations in cereals and beer.

Highlight

Related products:

[Zearalenone antibodies](#); [Zearalenone ELISA Kits](#);

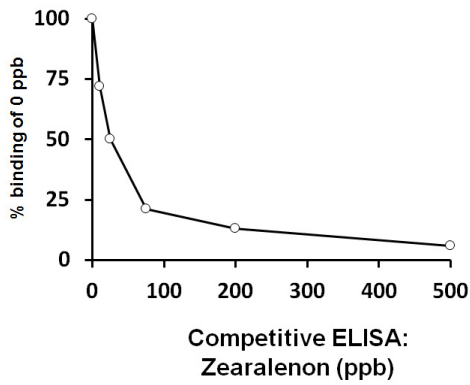
New ELISA data calculation tool:

[Simplify the ELISA analysis by GainData](#)

Research Area

Immune System kit; Metabolism kit

Images



ARG80820 Fungi Zearalenone (Rapid/HS) ELISA Kit example of standard curve image

ARG80820 Fungi Zearalenone (Rapid/HS) ELISA Kit results of a typical standard run with optical density reading at 450 nm.
