

ARG80795 Deoxynivalenol (Rapid/HS) ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG80795 Deoxynivalenol (Rapid/HS) ELISA Kit is a rapid and high sensitive ELISA kit for the quantification of Deoxynivalenol in cereals and beer/gyle.
Tested Reactivity	Other
Tested Application	ELISA
Target Name	Deoxynivalenol
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm
Sensitivity	0.08 ppm
Sample Type	Cereals and beer/gyle.
Standard Range	0.2 - 5 ppm
Sample Volume	100 µl

Application Instructions

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

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	Deoxynivalenol
Background	<p>Deoxynivalenol (DON, Vomitoxin) in addition to zearalenone, fumonisines 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. Acute toxic dosages result in sickness and emesis. Deoxynivalenol is a gastrointestinal irritant and an inhibitor in protein synthesis. Farm animals react with a delay of growth and a depressed immune system resulting in a higher sensitivity for infections.</p> <p>Since June 2010 the US Food and Drug Association recommends maximum amounts of 1000 ppb for finished cereal products and 2000 - 10000 ppb for raw cereals depending on the intended use. Thus an monitoring of food and feed with respect to the concentration of deoxynivalenol is obligatory.</p> <p>The Deoxynivalenol ELISA Kit represents a highly sensitive detection system and is particularly capable of the rapid quantification of deoxynivalenol contaminations in cereals and beer.</p>

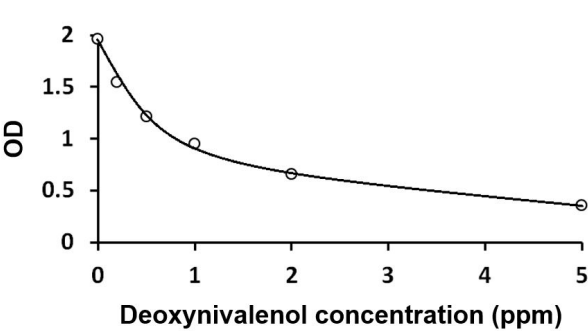
Highlight

Related products:
[Deoxynivalenol antibodies](#); [Deoxynivalenol ELISA Kits](#);
New ELISA data calculation tool:
[Simplify the ELISA analysis by GainData](#)

Research Area

Immune System kit; Microbiology and Infectious Disease kit

Images



ARG80795 Deoxynivalenol (Rapid/HS) ELISA Kit standard curve image

ARG80795 Deoxynivalenol (Rapid/HS) ELISA Kit results of a typical standard run with optical density reading at 450 nm.