

ARG83049 Ochratoxin A ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG83049 Ochratoxin A ELISA Kit is an enzyme immunoassay kit for the quantitative of Ochratoxin A in food.
Tested Reactivity	Other
Tested Application	ELISA
Target Name	Ochratoxin A
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	0.8 ppb
Detection Range	2 - 50 ppb
Sample Type	Food (extraction, dilution).
Standard Range	2 - 50 ppb
Sample Volume	50 µl
Precision	Intra-Assay CV: less than 5% Inter-Assay CV: less than 10%
Alternate Names	Ochratoxin A

Application Instructions

Assay Time	~1 hour
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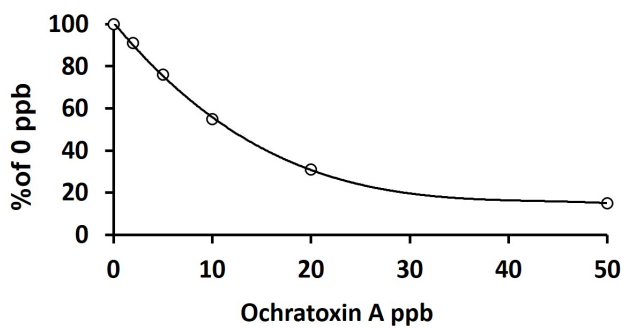
Properties

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

Background	Ochratoxin A (OTA) is a mycotoxin produced by several species of fungi, including <i>Aspergillus</i> and <i>Penicillium</i> . It is a naturally occurring toxin that can contaminate a variety of food products, including cereals, coffee, wine, dried fruits, and spices. OTA is a potent nephrotoxin, meaning that it can damage the kidneys, and has also been associated with carcinogenic and immunosuppressive effects in animal studies. In humans, OTA exposure has been linked to kidney disease, including Balkan endemic nephropathy, as well as to increased risk of urinary tract cancer and possibly other cancers.
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Highlight



ARG83049 Ochratoxin A ELISA Kit standard curve image

ARG83049 Ochratoxin A ELISA Kit results of standard run with optical density reading at 450 nm.