

ARG80791 Cashew ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG80791 Cashew ELISA Kit is a Enzyme Immunoassay kit for the quantification of Cashew in food (extraction, centrifugation, dilution).
Tested Application	ELISA
Target Name	Cashew
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm
Sensitivity	0.2 ppm
Sample Type	Food (extraction, centrifugation, dilution).
Standard Range	2 - 60 ppm
Sample Volume	100 µl

Application Instructions

Assay Time	20, 20 min (RT), 20 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	Cashew
Background	<p>The Cashew tree (<i>Anacardium occidentale</i>) belongs to the family of Anacardiaceae. With about 18% the fraction of proteins in cashew seed is very high. Some of these proteins, like the vicilin Ana o 1, the legumin Ana o 2 or the albumin Ana o 3 are known for being allergenic. Many of them are heat resistant making them stable to different production processes. For this reason cashew represents an important food allergen.</p> <p>For cashew-allergic persons hidden cashew allergens in food are a critical problem. Already very low amounts of cashew can cause allergic reactions, which may lead to anaphylactic shock in severe cases. Because of this, cashew-allergic persons must strictly avoid the consumption of cashew containing food. Cross-contamination, mostly in consequence of the production process, is often noticed. This explains why in many cases the existence of cashew residues in food cannot be excluded. For this reason sensitive detection systems for cashew residues in foodstuffs are required.</p> <p>The Cashew ELISA represents a highly sensitive detection system for cashew and is particularly capable of the quantification of residues in cookies, cereals, ice-cream and chocolate.</p>

Highlight

Related products:

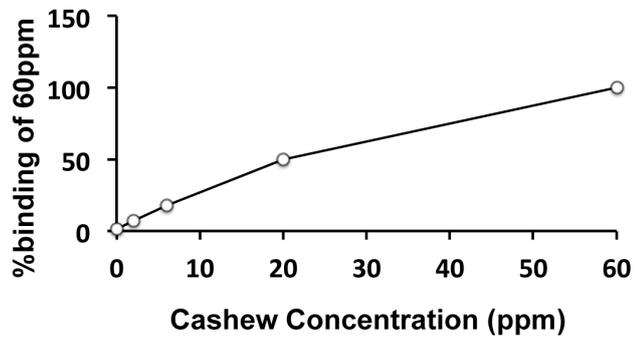
New ELISA data calculation tool:

[Simplify the ELISA analysis by GainData](#)

Research Area

Immune System kit

Images



ARG80791 Cashew ELISA Kit standard curve example image

The representative standard curve of ARG80791 Cashew ELISA Kit. The standard curve is for demonstration only and cannot be used in place of data generations at the time of assay. The standard curve should be generated each time the assay is performed.