

AlerTox® ELISA

AlerTox® ELISA is a quantitative immunosorbent assay designed for the detection and quantification of allergens in raw materials and final products. The ELISA Sandwich is a technique usually used for the analysis of substances found at very low concentrations. This combined with the high specificity and sensitivity of the antibodies used in these tests allow this method to precisely quantify allergens in all types of food and drinks. AlerTox® ELISA are available for most common allergens including milk, β -Lactoglobulin, casein, lysozyme, ovalbumin, egg, soy, peanut, almond, hazelnut, sesame, walnut, cashew, pistachio, macadamia, coconut, lupine, mustard, crustacean, and fish.

- Qty: 96 wells
Catalog No: Milk KIT3041
- Qty: 96 wells
Catalog No: β -Lactoglobulin KIT3042
- Qty: 96 wells
Catalog No: Egg KIT3046
- Qty: 96 wells
Catalog No: Soy KIT3047
- Qty: 96 wells
Catalog No: Peanut KIT3048
- Qty: 96 wells
Catalog No: Almond KIT3049
- Qty: 96 wells
Catalog No: Hazelnut KIT3050
- Qty: 96 wells
Catalog No: Sesame KIT3051
- Qty: 96 wells
Catalog No: Walnut KIT3052
- Qty: 96 wells
Catalog No: Cashew KIT3053
- Qty: 96 wells
Catalog No: Pistachio KIT3054
- Qty: 96 wells
Catalog No: Macadamia KIT3055
- Qty: 96 wells
Catalog No: Coconut KIT3056
- Qty: 96 wells
Catalog No: Lupine KIT3057
- Qty: 96 wells
Catalog No: Mustard KIT3058
- Qty: 96 wells
Catalog No: Crustacean KIT3059
- Qty: 96 wells
Catalog No: Fish KIT3060

- Compatible with any type of sample
- No cross-reactivity
- Highly specific and sensitive
- Results in ~1 hour

Assay	Detection Limit (LOD)	Quantification Limit (LOQ)
AlerTox® ELISA Lupine	0.2 ppm	2 ppm
AlerTox® ELISA Sesame	0.2 ppm	2 ppm
AlerTox® ELISA Mustard	1.5 ppm	2 ppm
AlerTox® ELISA Cashew	0.2 ppm	2 ppm
AlerTox® ELISA Soy (STI)	16 ppb	50 ppb
AlerTox® ELISA Walnut	0.6 ppm	2 ppm
AlerTox® ELISA Peanut	0.3 ppm	1 ppm
AlerTox® ELISA Hazelnut	0.3 ppm	1 ppm
AlerTox® ELISA Almond	0.2 ppm	0.5 ppm
AlerTox® ELISA Pistachio	0.13 ppm	1 ppm
AlerTox® ELISA Egg	0.05 ppm	0.4 ppm
AlerTox® ELISA Lysozyme	2 ppb	25 ppb
AlerTox® ELISA Ovalbumin	5 ppb	25 ppb
AlerTox® ELISA Casein	0.05 ppm	0.2 ppm
AlerTox® ELISA Milk	0.05 ppm	0.5 ppm
AlerTox® ELISA β -Lactoglobulin	1.5 ppb	10 ppb
AlerTox® ELISA Crustacean	1 ppb	20 ppb
AlerTox® ELISA Fish	1.4 ppm	4 ppm
AlerTox® ELISA Coconut	0.4 ppm	2 ppm
AlerTox® ELISA Macadamia	0.1 ppm	1 ppm