

Allergen Product Comparison Chart



Allergen Tests	GlutenTox® Pro 	GlutenTox® Pro Surface	GlutenTox® Home	GlutenTox® Sticks Plus	GlutenTox® Sticks Plus for Cube	GlutenTox® ELISA Competitive G12 	GlutenTox® ELISA Rapid G12	AllerFlow Gluten	Allergen Lateral Flow Tests (AlerTox® Sticks)	Allergen ELISA Tests (AlerTox® ELISA Kits)	AllerSnap®
Analyte	Gluten								See Back		General Protein
Product No.	KIT3000	KIT3002	KIT3009/ KIT3010	KIT3005	KIT3007	KIT3012	KIT3075	ALF-GL	Various- See reverse side	Various- See reverse side	ALS-100
Tests per Kit	25	50	2 or 5	25	12	96	96	25	10 – 25 depending on test	96	100
Time to Result	<20 min	<15 min	<20 min	<60 min	60 – 90 min	90 min	90 min	10 min	10 min	60 min	≤30 min
LOD* (Gluten-free claim <20 ppm)	- Product adjustable at 5, 10, 20, 40 ppm. - Surface 40 ng/cm²	40 ng/cm²	- Product adjustable at 5, 10, 20, 40 ppm. - Surface 40 ng/cm²	3 ppm	3 – 40 ppm	1.6 ppm (ROQ†: 2.5 – 100 ppm)	0.4 ppm (ROQ†: 1.2 – 200 ppm)	5 ppm	1 – 20 ppm depending on the allergen	1 ppb – 1.5 ppm (LOQ‡: 10 ppb – 4 ppm) depending on allergen	3 ppm
Result Type	Semi - Quantitative	Qualitative	Semi-Quantitative	Semi-Quantitative	Quantitative	Quantitative	Quantitative	Qualitative	Qualitative	Quantitative	Qualitative
Verification vs. Validation	Verification	Verification	Verification	Verification	Validation	Validation	Validation	Verification	Verification	Validation	Verification
Test Type	Product and Surface	Surface	Product	Product and Surface	Product	Product	Product and Surface	Surface	Product and Surface	Product and Surface	Surface
Antibody	G12/A1	G12/A1	G12/A1	G12/A1	G12/A1	G12	G12/A1	G12/A1	Depends on the kit	Depends on the kit	N/A
Equipment Needed	- Mortar - Scissors - Scale - Grinder	None	None	- Tube rotator - Thermostatic bath - Centrifuge - Pipettes	- Tube rotator - Thermostatic bath - Centrifuge - Pipettes - GlutenTox Cube Reader	- Tube rotator - Thermostatic bath - Centrifuge - ELISA plate reader §	- Tube rotator - Thermostatic bath - Centrifuge - ELISA plate reader §	None	- Mortar - Scissors - Scale - Grinder	- Thermostatic bath - Centrifuge - ELISA plate reader §	Incubator

* LOD = Limit of detection † ROQ = Range of quantification ‡ LOQ = Limit of quantification § Absorbance 96 ELISA Reader (Product No. MCH3005) or similar.

AlerTox® Sticks and AlerTox® ELISA Tests

Specific Tests	AlerTox® Sticks (Lateral Flow)	AlerTox® ELISA Allergen Kits
 Coconut		KIT3056
 Lupine		KIT3057
 Sesame	KIT3096	KIT3051
 Mustard	KIT3040	KIT3058
 Macadamia		KIT3055
 Cashew		KIT3053
 Soy	KIT3097 or KIT3098	KIT3047
 Walnut	KIT3092	KIT3052
 Peanut	KIT3094	KIT3048
 Hazelnut	KIT3035	KIT3050

Specific Tests	AlerTox® Sticks (Lateral Flow)	AlerTox® ELISA Allergen Kits
 Almond	KIT3033	KIT3049
 Pistachio		KIT3054
 Egg	KIT3025 or KIT3026	KIT3046
 Lysozyme		KIT3044
 Ovalbumin		KIT3045
 Casein	KIT3021 or KIT3022	KIT3043
 Milk	KIT3015 or KIT3016	KIT3041
 B-Lactoglobulin	KIT3018 or KIT3019	KIT3042
 Crustacean	KIT3036	KIT3059
 Fish	KIT3038	KIT3060
 Histamine		KIT3065