

Allergen Testing Kit Details	ALMOND	CRUSTACEA	EGG (White Protein)	FISH (White)	GLUTEN	HAZELNUT	LUPIN
Antibody Type	Polyclonal	Polyclonal	Polyclonal	Polyclonal	Monoclonal	Polyclonal	Polyclonal
Antibody Specificity	Almond proteins	Tropomyosin	Ovomucoid	Cod Parvalbumin	ω-Gliadins	Hazelnut proteins	Lupin proteins
Assay Methodology	Sandwich ELISA	Sandwich ELISA	Sandwich ELISA	Sandwich ELISA	Sandwich ELISA	Sandwich ELISA	Sandwich ELISA
Incubation times (minutes)	(20 + 20 + 20)	(20 + 20 + 20)	(20 + 20 + 20)	(40 + 40 + 15)	(40 + 40 + 15)	(20 + 20 + 20)	(20 + 20 + 20)
Standards Provided	Five Pre-prepared	Five Pre-prepared	Five Pre-prepared	Five Pre-prepared	Five Pre-prepared	Five Pre-prepared	Five Pre-prepared
Limits Of Quantitation	0.5 - 10 PPM * (almond)	20-400 PPB (tropomyosin)	0.4-8.0 PPM (egg white protein)	5-125 PPM * (cod)	5-110 PPM (gluten)	1.0-40.0 PPM * (hazelnut)	2.0-30.0 PPM * (lupin seed)
Approximate Limit Of Detection	<0.25 PPM *	1 PPB	<0.2 PPM	<1 PPM *	<0.5 PPM	<0.5 PPM *	<0.5 PPM *
Other information	Almonds contain ~21% protein; range/LOD are ~0.1-2.0/0.05ppm almond protein	Assay range equates to ~1-30ppm prawn and ~5-100ppm crab	Dried egg white comprises ~90% protein and ~10% ovomucoid.	Assay reacts strongest to cod, haddock, whiting, coley, pollack & sea bream	Assay reacts strongly to wheat and rye; ~60% to durum & ~20% to barley	Hazels contain ~15% protein; range/LOD are ~0.15-6.0/0.1ppm hazelnut protein	Lupin contains ~36% protein; assay range & LOD are ~0.8-11.0 & 0.2ppm lupin protein
Catalogue No.	R6018 (96 wells) Extraction solution included in both kits	R6026 (96 wells) Extraction solution included in both kits	R6032 (96 wells) Extraction solution included in both kits	R6010-2E (96 wells)* R6011-4E (192 wells)*	R6006-2E (96 wells)* R6007-4E (192 wells)*	R6014 (96 wells) Extraction solution included in both kits	R6030 (96 wells) Extraction solution included in both kits

***NOTE 1:** The LOD & Range data given above refer to PPM (mg/kg) of the commodity itself, NOT PPM of protein, for which the equivalent values are substantially lower.

NOTE 2: With the exception of Casein; Crustacea; Fish & Gluten
ALL sample extracts are generic and can be used in all other kits.

* Also available at reduced prices without Extraction kits – please enquire.

Allergen Testing Kit Details	MILK/WHEY (β-Lactoglobulin)	MILK (Casein/Caseinates)	MUSTARD	PEANUT	SESAME	SOYA	WALNUT
Assay Type	Polyclonal	Polyclonal	Polyclonal	Polyclonal	Polyclonal	Polyclonal	Polyclonal
Antibody Specificity	β-Lactoglobulin	α/β Caseins	Mustard proteins	Peanut proteins	Sesame proteins	Soya Trypsin Inhibitor (STI)	Walnut proteins
Assay Methodology	Sandwich ELISA	Sandwich ELISA	Sandwich ELISA	Sandwich ELISA	Sandwich ELISA	Sandwich ELISA	Sandwich ELISA
Incubation times (minutes)	(20 + 20 + 20)	(20 + 20 + 20)	(20 + 20 + 20)	(20 + 20 + 20)	(20 + 20 + 20)	(20 + 20 + 20)	(20 + 20 + 20)
Standards Provided	Five Pre-prepared	Five (Concentrates)	Five Pre-prepared	Five Pre-prepared	Five Pre-prepared	Five Pre-prepared	Five Pre-prepared
Limits Of Quantitation	0.2-7.0 PPM of SMP (skim milk powder)	0.8-16 PPM of SMP (skim milk powder)	2-50 PPM * (mustard)	1-30 PPM * (peanut)	2-20 PPM * (sesame)	2-25 PPM * (raw soya flour)	2-50 PPM * (walnut)
Approximate Limit Of Detection	<0.1 PPM	<0.2 PPM	1 PPM *	<0.5 PPM *	0.2 PPM *	<1 PPM *	<1 PPM *
Other Information	Milk and SMP comprise ~0.4% & 3.8% β-LG. Assay range 10-300ppb β-LG.	Milk and SMP comprise ~2.8% & 26% Casein. Assay range 0.25-5.0ppm casein.	Mustard contains ~26% protein; range/LOD are ~0.5-12.5/0.25ppm mustard protein	Peanuts contain ~26% protein; range/LOD are ~0.25-7.5/0.13ppm peanut protein	Sesame contains ~20% protein; range/LOD are ~0.4-4.0/0.04ppm sesame protein	Assay range & LOD are ~50-600 & 10ppb STI. Refer to IFU for soya product conversions	Peanuts contain ~15% protein; range/LOD are ~0.3-7.5/0.15ppm walnut protein
Catalogue No.	R6036 (96 wells) Extraction solution included in both kits	R6022 (96 wells) Extraction solution included in both kits	R6012 (96 wells) Extraction solution included in both kits	R6020 (96 wells) Extraction solution included in both kits	R6028 (96 wells) Extraction solution included in both kits	R6024 (96 wells) Extraction solution included in both kits	R6016 (96 wells) Extraction solution included in both kits

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Allergen-Check
Allergen Detection ELISA Kits
Product information



Developers, manufacturers & distributors of high quality food testing and analytical Q.C. products and services