

# Food Allergen ELISA Kit II

*High -performance quantitative assay*



Cat.# M2111: Egg (Ovalbumin)

Cat.# M2112: Beta-Lactoglobulin

Cat.# M2113: Casein

Cat.# M2114: Wheat/Gluten (Gliadin)

Cat.# M2115: Buckwheat

Cat.# M2116: Peanut

Cat.# M2117: Soya

Cat.# M2118: Crustacean

Cat.# M2119: Hazelnut

Cat.# M2120: High Sensitive Peanut

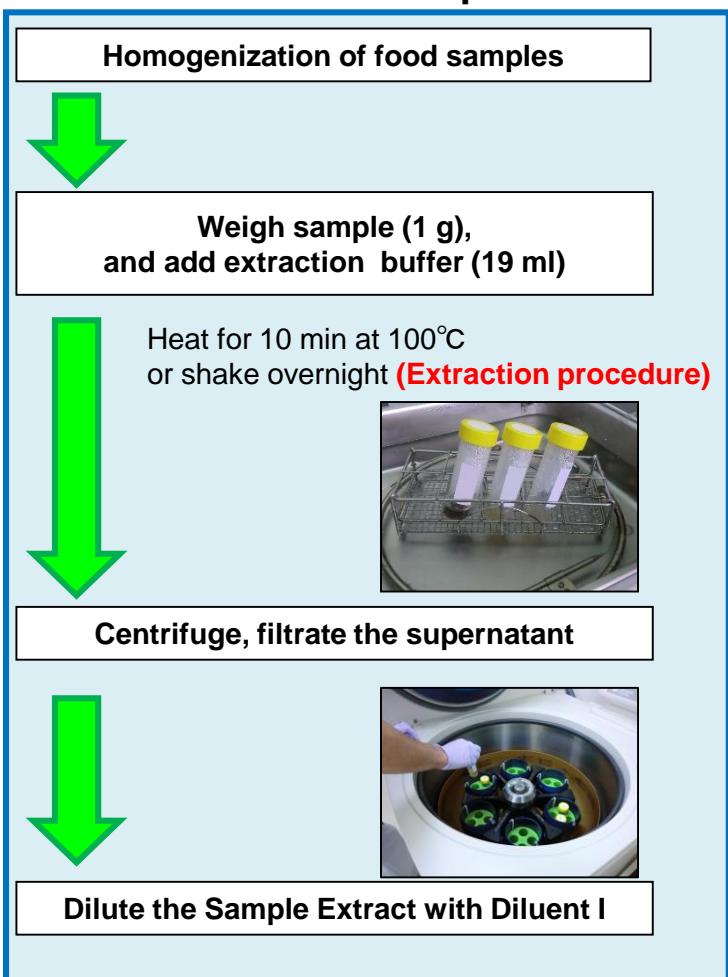
Cat.# M2121: Sesame *New!*

*Upcoming item: Almond, Walnut, Total Milk*

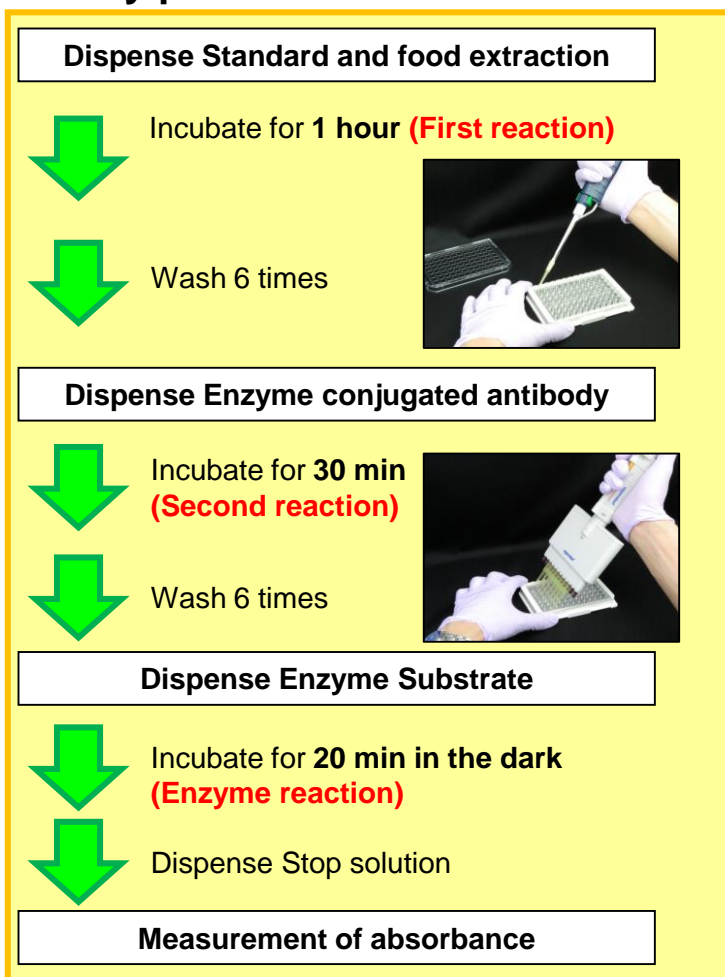
- ✓ Superior to detect allergen in highly processed foods by special extraction buffer and antibodies
- ✓ High sensitivity
- ✓ High specificity (Low false negative and false positive)
- ✓ Sample Extraction Solution used in ELISA Kit II series are identical



## 【Extraction of food samples】



## 【Assay procedure】



### 【Kit Specifications】

Kit Specifications	Antigen	Detectable protein	Assay range
Egg (Ovalbumin) ELISA Kit II	Ovalbumin	Whole egg protein	0.31 – 20 ppm [μg protein / g of food]
Beta-lactoglobulin ELISA Kit II	Beta-lactoglobulin	Whole milk protein	0.31 – 20 ppm [μg protein / g of food]
Casein ELISA Kit II	Casein	Whole milk protein	0.31 – 20 ppm [μg protein / g of food]
Wheat/Gluten ELISA Kit II	Gliadin	Whole wheat protein	0.31 – 20 ppm [μg protein / g of food]
Buckwheat ELISA Kit II	Partially purified buckwheat protein	Whole buckwheat protein	0.31 – 20 ppm [μg protein / g of food]
Peanut ELISA Kit II	Partially purified peanut protein	Whole peanut protein	0.31 – 20 ppm [μg protein / g of food]
Soya ELISA Kit II	Beta-conglycinin	Whole soy protein	0.31 – 20 ppm [μg protein / g of food]
Crustacean ELISA Kit II	Tropomyosin	Whole crustacean protein	0.31 – 20 ppm [μg protein / g of food]
Hazelnut ELISA Kit II	11S globulin	Whole hazelnut protein	0.16 – 10 ppm [μg protein / g of food]
High Sensitive Peanut ELISA Kit II	Ara h2, Ara h6	Whole peanut protein <i>*NIST peanut butter SRM2387</i>	0.2 – 12.8 ppm [μg protein / g of food]
Sesame ELISA Kit II	11S globulin	Whole sesame protein	0.16 – 10 ppm [μg protein / g of food]