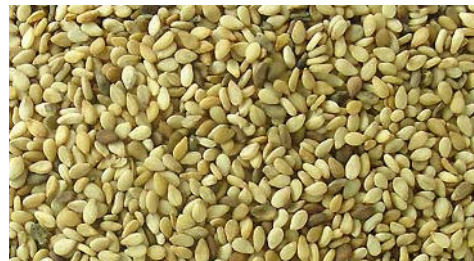


SesamAlert ELISA Kit



Enzyme immunoassay system for the quantitative detection of sesame in food products

Code: IC-02-1120 / 48 test

IC-02-1121 / 96 test

Intended use

SesamAlert ELISA kit is intended to be used for the quantitative detection of sesame proteins in food products by means of ELISA.

The system uses polyclonal antibodies against the main sesame allergen *2s Albumin*.

Key features

Sensitivity: 1.5 ppm of sesame proteins in food matrix

Flexibility: 48/96 test format

Quantitative

Ready to use standards

Complying with UNI EN 15633-1 (April 2009)

Specifications

Samples	bakery products, cereals and pasta, dairy products, sauces, fruit juices, infant food, poly-phenols containing matrices.
ELISA	competitive indirect system
Antibodies	polyclonal
Units of measurement	sesame proteins / sesame
Limit of Detection (LOD)	approx. 1.5 mg of sesame proteins per kg of food sample (ppm)
Quantification range	2-12.5 mg of sesame proteins per kg of food sample
Calibration Curve	number of standards 5 (12.5-6-2.5-0.5-0 ppm of sesame proteins)
Detection	microtiter plate spectrophotometer (filter at 450 nm)
Cross Reactivity	<u>no cross reactivity</u> effects towards ingredients commonly used in food production.