# Macadamia Nut ELISA Kit

## PRODUCT OVERVIEW

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| **Product Name** | Macadamia nut, ELISA Kit |
| **Full Product Name** | Macadamia nut ELISA |
| **Samples** | Food |
| **Preparation and Storage** | Store at 2-8 degree C |
| **Related Product Information for Macadamia nut elisa kit** | Principle of the Assay: The Macadamia nut quantitative test is based on the principle of the enzyme linked immunosorbent assay. An antibody directed against macadamia nut proteins is bound on the surface of a microtiter plate. Macadamia nut containing samples or standards are given into the wells of the microtiter plate. After 20 minutes incubation at room tem-perature the wells are washed with diluted washing solution to remove unbound material. A peroxidase conjugated second antibody directed against macadamia nut proteins is given into the wells and after 20 minutes of incubation the plate is washed again. A substrate solution is added and incubated for 20 minutes, resulting in the development of a blue col-our. The colour development is terminated by the addition of a stop solution, and the colour turns yel-low. The yellow colour is measured photometrically at 450 nm. The concentration of macadamia nut is directly proportional to the colour intensity of the test sample. |
| **Other Notes** | Small volumes of Macadamia nut elisa kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |
| **Searchable Terms for Macadamia nut purchase** | MBS495717 is a ready-to-use microwell, strip-or-full plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Macadamia nut, ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing Macadamia nut. The ELISA analytical biochemical technique of the MBS495717 kit is based on Macadamia nut antibody-Macadamia nut antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect Macadamia nut antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, Macadamia nut. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%). |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures.

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Online datasheet: https://www.mybiosource.com/elisa-kits/macadamia-nut/495717