

Product Information

Anti-*Arachis hypogaea* Lectin

produced in rabbit, fractionated antiserum

Catalog Number **A4404**

Product Description

Anti-*Arachis hypogaea* (peanut) Lectin is produced in rabbit using purified peanut lectin as the immunogen. The fractionation procedure yields primarily the immunoglobulin fraction of antiserum. To ensure specificity, the fractionated antiserum is adsorbed using solid phase techniques, if necessary.

Anti-*Arachis hypogaea* Lectin recognizes *Arachis hypogaea* lectin by Ouchterlony double diffusion (ODD).

Identity and Purity

Identity and purity of the specific antibody is established by immunoelectrophoresis (IEP). Electrophoresis of the immunogen followed by diffusion versus the antibody preparation results in a single arc of precipitation in the gamma region.

Reagent

Supplied lyophilized from 0.01 M phosphate buffered saline, pH 7.2, to which no preservatives have been added.

Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

Storage/Stability

Prior to reconstitution store the product at 2-8 C. After reconstitution, the solution may be stored frozen in working aliquots. Repeated freezing and thawing, or storage in "frost-free" freezers, is not recommended. If slight turbidity occurs upon prolonged storage clarify the solution by centrifugation before use. Working dilutions should be discarded if not used within 12 hours.

Preparation instructions

To one vial of lyophilized powder, add 2 mL of deionized water. Rotate vial gently until powder dissolves. After reconstitution, the solution may be stored frozen in working aliquots.

Product Profile

Indirect ELISA: a working dilution of 1:80,000 is recommended using 5 µg/ml lectin from *Arachis hypogaea* for coating

Note: In order to obtain the best results using various techniques and preparations, we recommend determining the optimal working dilutions by titration.

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