

Product Information

Lectin (Phytohemagglutinin PHA-M) from *Phaseolus vulgaris* (red kidney bean)

Catalog Number **L8902**

Storage Temperature 2–8 °C

Product Description

Phytohemagglutinin (PHA-M) isolated from *Phaseolus vulgaris* is a mixture of glycoproteins isolated from red kidney beans and contains all five isolectins found in the red kidney bean. It has been widely used for activation of lymphoid cells.

PHA-M is supplied as an essentially salt-free lyophilized powder.

Agglutination Test: <40 µg of lectin/ml of medium agglutinates 2.0% suspension of fresh human erythrocytes in phosphate buffered saline, pH 6.8, after 1 hour at 25 °C.

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.

Preparation Instructions

Reconstitute with sterile PBS or tissue culture medium and gently rotate. The solution may appear slightly hazy. The reconstituted product may be further diluted to desired working concentration prior to use with sterile buffer. Filtration should be done at the working concentration to prevent any product loss.

Storage/Stability

Store the product at 2–8 °C.

Solutions may be stored frozen in aliquots at –20 °C. Prolonged storage of product and repeated freezing and thawing are not recommended.

Reference

1. Quantitation and Functional Assay of T and B Cells, in Immunology Series No. 8 Procedural Guide, U.S. Dept. HEW- PHS, CDC Bureau of Laboratories, (Atlanta, GA. 30333: May 1978) pp. 11-20.

GS,PCS,KMR,NDH,MAM 03/08-1

Sigma brand products are sold through Sigma-Aldrich, Inc.

Sigma-Aldrich, Inc. warrants that its products conform to the information contained in this and other Sigma-Aldrich publications. Purchaser must determine the suitability of the product(s) for their particular use. Additional terms and conditions may apply. Please see reverse side of the invoice or packing slip.