

Active Native Phaseolus Vulgaris Leucoagglutinin Protein, Biotinylated

Cat. No. Lectin-1823P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	This product is the Biotinylated Phaseolus Vulgaris Leucoagglutinin (PHA-L) and has sugar specificity against galactose and complex structures.
Species	Phaseolus Vulgaris
Source	Phaseolus Vulgaris
Description	Phaseolus vulgaris agglutinin is the name ascribed to a family of lectins, each of which consists of four subunits. There are two different types of subunits. One appears to be involved primarily in red cell agglutination and has been designated the "E" subunit (for erythroagglutinin). The other type is involved in lymphocyte agglutination and mitogenic activity and has been termed the "L" subunit (for leucoagglutinin). These subunits combine to produce five isolectins. PHA-L, with four "L" type subunits, does not agglutinate red cell but is a potent mitogen.
Bio-activity	10 mM HEPES, pH 7.5, 0.15 M NaCl, 0.1 mM Ca ²⁺ , 0.08% sodium azide, 0.01 mM Mn ²⁺
Molecular Mass	126 kDa
Applications	Glycobiology, Affinity Chromatography
Usage	1, Recommended product for eluting glycoconjugates bound to this agarose-lectin: Glycoprotein Eluting Solution. Alternatively, 100 mM acetic acid or 50 mM glycine, pH

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3.0 can be used.

2, After use, wash the gel with several column volumes of buffered saline, then resuspend gel in buffered saline containing 0.08% sodium azide for storage.

Storage

Refrigerate. DO NOT FREEZE.

Concentration

3.0 mg/ml of settled gel

GENE INFORMATION

Synonyms

Lectin; PHA-L

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