



CERTIFICATE OF ANALYSIS

Product **PHASEOLUS VULGARIS LEUCOAGGLUTININ (PHA-L)**

Catalog No. L-1110

Amount 5 mg of lyophilized lectin. In addition to the 5 mg of lectin, the lyophilized powder contains approximately 20% salts.

Lot No. W1107

Source red kidney bean

Storage Conditions Refrigerate

Purity Homogeneous by SDS-PAGE. This lot of PHA-L contains less than 0.3% PHA-E (*Phaseolus vulgaris* erythroagglutinin) as determined by hemagglutinin assays.

Remarks

Reconstitution: The lectin should be reconstituted 10 mM phosphate, pH 8.0.* If reconstituted in 1 ml of 10 mM phosphate, the resulting solution will be 5 mM phosphate, 10 mM NaCl with trace Ca⁺⁺. After reconstitution, and if appropriate for use, a preservative such as sodium azide (0.04%) may be added. If the lectin is to be used for mitogenic assays, filter solution through a sterile 0.22 µ filter immediately after reconstitution, aliquot and store frozen.

NOTE: Mitogenic activity may be diminished by repeated freezing and thawing.

*Anterograde Neuronal Tracing For neuronal transport studies, reconstitute in 0.2 ml of 10 mM phosphate, pH 8.0. Both the pH and ionic strength of the reconstituting buffer are important for optimal anterograde transport. A specific protocol for this application is available on request.