

Product Spotlight: Aniara Diagnostica would like to announce the availability of Phaseolus vulgaris lectin P (PHA-P) and Lens culinaris lectin (LCA/LcH)

Aniara Diagnostica is pleased to announce the availability of the Phaseolus vulgaris lectin P (PHA-P) for lateral flow erythrocyte separation and t-cell activation, and the Lens culinaris lectin (LCA/LcH) for hemagglutination, cell agglutination and Corona virus purification. For Research Use Only. Not for Use in Diagnostic Procedures.

WEST CHESTER, Ohio ([PRWEB](#)) September 15, 2020 -- Aniara Diagnostica, a multi-national distributor of diagnostic and research agents, as well as screening tools, has strengthened its commitment to meeting today's highest standards for product quality and cost-efficient delivery.

Medicago is a primary manufacturer of a wide variety of exceptionally pure lectins purified by affinity chromatography. Lectins are non-enzymatic proteins of non-immunoglobulin origin that bind specifically and reversibly to carbohydrate moieties without altering the covalent structure of the glycosyl ligands. Medicago offers lectins as a freeze-dried powder on a mg to kg scale. Custom made lectins are also available.

Phaseolus vulgaris lectin P (PHA-P) is isolated from red kidney beans by affinity chromatography. The lectin has a molecular weight of 128 kDa and the purity of the product is determined by SDS electrophoresis. PHA-P is a mixture of isolectins containing L (leuco-agglutinin) and E (erythroagglutinin) subunits.

A05-0038-5 Phaseolus Vulgaris Lectin P (PHA-P) (5 mg) [click here for more information](#)
A05-0038-10 Phaseolus Vulgaris Lectin P (PHA-P) (10 mg) [click here for more information](#)
A05-0038-1000 Phaseolus Vulgaris Lectin P (PHA-P) (1 g) [click here for more information](#)

Lens culinaris lectin is isolated from lentil seeds by affinity chromatography. It has 2 subunits and a molecular weight of 46 kDa. The lectin gives two major bands in isoelectrofocusing corresponding to the isomers LCA-A and LCA-B.

Lens culinaris is not blood group specific. Its carbohydrate specificity is D-mannose and D-glucose. Adding Mn²⁺ and Ca²⁺ to the reconstitution buffer will enhance hemagglutination activity.

LCA contains a hemagglutinin A and B mixture that agglutinates human red blood cells but that is not group-specific. Lens culinaris agglutinates a 2% suspension of human erythrocytes at a lectin concentration of ≤ 6 $\mu\text{g/ml}$ in 0.9% NaCl after 2 hrs at 25°C. Adding 60 mM methylmannoside gives an inhibition with a titer that is at least 16-fold lower than the control.

A05-0104-10 Lens Culinaris Lectin (LCA/LcH) (10 mg) [click here for more information](#)
A05-0104-100 Lens Culinaris Lectin (LCA/LcH) (100 mg) [click here for more information](#)
A05-0104-1000 Lens Culinaris Lectin (LCA/LcH) (1 g) [click here for more information](#)
A05-0104-10000 Lens Culinaris Lectin (LCA/LcH) (10 g) [click here for more information](#)
A05-0104-25 Lens Culinaris Lectin (LCA/LcH) (25 mg) [click here for more information](#)

Aniara also offers a wide range of other Lectins [click here for more information](#)

The entire Aniara product line is available for purchase at <http://www.aniara.com>. The Company distributes



products in North America, Central America, South America, Sweden, Norway, Denmark, Finland, Lithuania, Latvia, Estonia and Iceland.



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