

Native Red kidney bean seeds Phaseolus vulgaris Lectin (PHA-E), Separopore® 4B-Conjugated

Cat. No. PHA-E-455R **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Native Red kidney bean seeds Phaseolus vulgaris Lectin (PHA-E) - Separopore® 4B
 Blood Group Specificity: Non-specific
 Preferred Sugar Specificity: Gal β 4GlcNAc α 2Man α 6 (GlcNAc β 4) (GlcNAc β 4Man α 3) Man β 4
 Mitogenic Activity: No
 Hazardous Shipping: Non-hazardous

Species Red kidney bean seeds

Source Red kidney bean seeds

Description

Affinity purified Phaseolus vulgaris lectin (PHA-E) is tetrameric glycoprotein and responsible for the erythroagglutinating properties of the PHA fraction. It has a carbohydrate specificity towards oligosaccharides and elutes with bovine thyroglobulin or acetic acid. PHA-E will bind to both human erythrocytes and lymphocytes, with a specificity towards blood group A (-SA). There are five times more PHA-E receptors on normal human lymphocytes than there are on erythrocytes. PHA-E binds di-galactosylated and bisected N-glycan. This lectin is widely used as a biochemical tool for detecting bisecting GlcNAc- and Gal-bearing glycoproteins. Affinity purified Phaseolus vulgaris Lectin (PHA-E) is immobilized to Separopore® 4B following CNBr coupling. The final product is stabilized in a buffer to retain maximum activity. The gel can be packed in 1 mL or 5mL.

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 45-1 Ramsey Road, Shirley, NY 11967, USA

Form	Liquid
Purity	High Purity Grade
Stability	Shelf Life: 1 year
Storage	At 2-8 centigrade.

GENE INFORMATION

Official Symbol	PHA-E
Synonyms	Phaseolus vulgaris Lectin; PHA-E)

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