

## Product Information

### *Phaseolus vulgaris* lectin E (PHA-E), Red kidney bean, Rhodamine conjugate

**Cat. No.:** XLC-56-15Q-E

**Size:** 2 mg

**Synonym:** PHA-E; Red-kidney-bean-agglutinin

**This product is for research use only and is not intended for diagnostic use.**

#### Product Information

|                                    |  |
|------------------------------------|--|
| <b>Description</b>                 | <i>Phaseolus vulgaris</i> lectin E (PHA-E) specially binds to Galactose and Complex structures. Inhibiting or Eluting Sugar: Bovine thyroglobulin or Acetic acid. This product can be used in glycobiology, immunochemistry, immunofluorescence, western blot and enzyme-linked immunosorbent assay. |
| <b>Biological Source</b>           | Red kidney bean  |
| <b>Concentration</b>               | 1 mg/mL  |
| <b>Conjugate</b>                   | Rhodamine  |
| <b>Carbohydrate Specificity</b>    | Galactose; Complex structures  |
| <b>Inhibiting or Eluting Sugar</b> | Bovine thyroglobulin or Acetic acid  |
| <b>Excitation</b>                  | 550 nm   |
| <b>Emission</b>                    | 575 nm   |
| <b>Color of Fluorescence</b>       | Red  |
| <b>Divalent Ions</b>               | Ca <sup>++</sup> , Mn <sup>++</sup>  |
| <b>Form</b>                        | Liquid   |
| <b>Purity</b>                      | Pure, purified by gel filtration.  |
| <b>Potency</b>                     | PHA-E (< 5 µg/mL) agglutinates type O human erythrocytes; PHA-E (< 0.5 mg/mL) agglutinates neuraminidase treated erythrocytes.   |
| <b>Buffer</b>                      | 0.01 M PBS (pH 7.2)  |
| <b>Preservative</b>                | 0.05% sodium azide   |
| <b>Applications</b>                | Glycobiology, Immunochemistry, Immunofluorescence, Western blot, Enzyme-linked immunosorbent assay   |
| <b>Storage</b>                     | Store at -20°C. Protect from light.  |