

Native Potato Solanum tuberosum Lectin (STA/STL), AP-Conjugated

Cat. No. STA/STL-036P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Potato Solanum tuberosum Lectin (STA/STL) - AP (Alkaline Phosphatase) Blood Group Specificity: Non-specific Preferred Sugar Specificity: (N-Acetylglucosamine)2-4 Inhibiting or Eluting Sugar: Chitin Hydrolysate Divalent Ions: None Required Mitogenic Activity: No Hazardous Shipping: Non-hazardous
Species	Potato
Source	Potato
Description	Alkaline phosphatase (AP) is conjugated to Solanum tuberosum Lectin (STA/STL) to show the binding of STA/STL in many applications including Western blotting and ELISA. Alkaline phosphatase is a large protein (140 kDa) that catalyzes the hydrolysis of phosphate groups from a substrate resulting in a colored or fluorescent product. The optimal enzymatic activity of this protein is between pH 8 and 10, and its reaction rate remains linear, improving sensitivity over time.
Form	Liquid
Purity	High Purity Grade
Stability	Shelf Life: 1 year

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Storage	At -20 centigrade.
----------------	--------------------

Concentration	1 mg/mL
----------------------	---------

GENE INFORMATION

Official Symbol	STA/STL
------------------------	---------

Synonyms	Solanum tuberosum Lectin; STA/STL
-----------------	-----------------------------------

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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