

Solanum tuberosum Lectin (STA/STL) - HRP (Horseradish Peroxidase)

Cat *PL00382*

Size *2 mg*

Sugar Specificity

(N-Acetylglucosamine)₂₋₄

Description

Horseradish peroxidase (HRP) is a 40 kDa protein that catalyzes substrate oxidation by hydrogen peroxide to produce colored or fluorescent products or release light as a byproduct of the reaction. It is most commonly used in western blotting, immunoassays, and immunohistochemical methods. Solanum agglutinin (STA/STL) is coupled to HRP in appropriate proportions to provide optimal staining properties.

Abbreviation

STA/STL

Material Source

Potato

Conjugate

Horseradish Peroxidase (HRP)

Concentration

2 mg/mL

Purity

High Purity Grade

Shelf Life

1 year

Blood Group Specificity

Non-specific

Sugar Specificity

(N-Acetylglucosamine)₂₋₄

Inhibiting or Eluting Sugar

Chitin Hydrolysate

Divalent Ions

None Required

Mitogenic Activity

No

Format

Liquid

Storage

-20°C

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Hazardous Shipping

Non-hazardous

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