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# SAMBUCUS NIGRA LECTIN (SNA, EBL), UNCONJUGATED

**SKU:** L-1300-5




## DESCRIPTION

*Sambucus nigra* lectin, isolated from elderberry bark, binds preferentially to sialic acid attached to terminal galactose in α-2,6 and to a lesser degree, α-2,3 linkage. Binding is also inhibited to some extent by lactose or galactose. This lectin appears to bind sialic acid linked to *N*-acetylgalactosamine or galactose. SNA has been reported to inhibit cell-free protein synthesis.

## SPECIFICATIONS

| | |
|---|---|
| **Molecular Weight** | 140 |
| **Extinction Coefficient** | 1.5 |
| **Inhibiting or Eluting Sugar** | Lactose or Neuraminidase treatment |
| **Unit Size** | 5 mg |
| **Storage Instructions** | 2-8 °C |
| **Sugar Specificity** | α2,6-sialylated LacNAc and α2,6-sialylated LacdiNAc |

**For research use only. Not intended for therapeutic or diagnostic use in animals or humans.**

| | |
|---|---|
| **Usage Summary** | Although many buffers can be employed for reconstituting and diluting this lectin, 10 mM HEPES buffered saline, pH 7.5 – 8.5, 0.1 mM CaCl2is recommended. For preserving solutions stored at 4 ºC, 0.08% sodium azide can be used. |
| **Applications** | Glycobiology |
| **Conjugate** | Unconjugated |

# TECHNICAL INFORMATION

Elution: 500 mM lactose in buffered saline followed by 500 mM lactose in acetic acid

# CITATIONS

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# DOCUMENTS

- Lectins in Histochemistry, ELISA, and Western Blot Applications
- Safety Data Sheet
- Download CoA
- Datasheet

# GALLERY IMAGES




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