

## Native Garlic *Allium sativum* Lectin (ASA), Colloidal Gold-Conjugated

**Cat. No.** ASA-099G    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Native Garlic <i>Allium sativum</i> Lectin (ASA) - Colloidal Gold                                                                                                                                                                                                                            |
|                         | Blood Group Specificity: Non-specific                                                                                                                                                                                                                                                        |
|                         | Preferred Sugar Specificity: Mannose                                                                                                                                                                                                                                                         |
|                         | Inhibiting or Eluting Sugar: $\alpha(1,3)$ -Linked Mannosyl Units                                                                                                                                                                                                                            |
|                         | Divalent Ions: None Required                                                                                                                                                                                                                                                                 |
|                         | Excitation: 550 nm                                                                                                                                                                                                                                                                           |
|                         | Emission: 570 nm                                                                                                                                                                                                                                                                             |
| <b>Species</b>          | Hazardous Shipping: Non-hazardous                                                                                                                                                                                                                                                            |
|                         |                                                                                                                                                                                                                                                                                              |
|                         |                                                                                                                                                                                                                                                                                              |
| <b>Species</b>          | Garlic                                                                                                                                                                                                                                                                                       |
| <b>Source</b>           | Garlic                                                                                                                                                                                                                                                                                       |
| <b>Description</b>      | Colloidal gold can be used to visualize localization of specific saccharide moieties and examine the distribution of plasma membrane glycoproteins based on the binding pattern of <i>Allium sativum</i> Lectin (ASA). Colloidal gold labeled lectins can be viewed via electron microscopy. |
| <b>Form</b>             | Liquid                                                                                                                                                                                                                                                                                       |
| <b>Purity</b>           | High Purity Grade                                                                                                                                                                                                                                                                            |
| <b>Stability</b>        | Shelf Life: 1 year                                                                                                                                                                                                                                                                           |

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|----------------|--------------------|
| <b>Storage</b> | At 2-8 centigrade. |
|----------------|--------------------|

|                      |         |
|----------------------|---------|
| <b>Concentration</b> | 1 mg/mL |
|----------------------|---------|

## GENE INFORMATION

|                        |     |
|------------------------|-----|
| <b>Official Symbol</b> | ASA |
|------------------------|-----|

|                 |                            |
|-----------------|----------------------------|
| <b>Synonyms</b> | Allium sativum Lectin; ASA |
|-----------------|----------------------------|

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