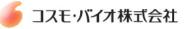


PRODUCT INFORMATION Pure Lectin

	Catalog Number:	L6803-5		
	Description:	Pure Sambucus nigra lectin (SNA-II) fro	om elderberi	ry.
	Lot Number:			
	Protein Concentration: (Based on OD 280)	5 mg purified SNA-II / vial. Reconstitution f 1mg/1ml.	ate with But	ffer to a concentration
	Carbohydrate Specificity:	GalNAc>Gal		
	Inhibitory Carbohydrate:	High concentration Lactose > β -Galactose		
	Activity:	SNA-II agglutinates animal and human er preference for type B over A and type O e	5 5	The lectin has a slight
	Buffer:	0.01M Phosphate - 0.15M NaCl, pH 7.2 -	7.4.	
:	Storage:	Store lyophilized powder refrigerated a frozen in aliquots. Avoid freeze-thaw cy		1
:	Stability:	The lyophilized material is stable for s After reconstitution the material is stabl frozen in aliquots with 0.05% sodium az	le for at lea	st 1 year when stored
	Caution:	Refer to the enclosed MSDS for info aluminum seals have sharp edges and which can cause lacerations. Use cautio	the vial its	self may have cracks
	Remarks:			
	References:	 Broekaert, W.F., et al. (1984) Bioch Shibuya, N., et al. (1987) J. Biol. Ch Shibuya, N., et al. (1987) Arch. Bio Roth, J. et al. (1985) Cell. 43 : 287-2 Roth, J. et al. (1986) J. Biol. Chem. Taatjes, D.J., et al. (1988) Histocher 	nem. 262 : 1 chem. Biopl 295. 261 : 14307	596. hys. 254 : 1-8. 7-14312.
Sala	CY LABOR 07 North Amphle San Mateo, CA 94	ATORIES, INC. ett Blvd. 4401	Tel: Fax: Orders:	650-342-3296 650-342-2648 1-800-821-0044 (Outside CA only)



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MATERIAL SAFETY DATA SHEET

Effective Date: March 31, 2006 Revision 5 Page 1 of 2

PRODUCT IDENTIFICATION

Name:	Crude and purified protein and enzymes.
Catalog	P-01, 2402, 2404, EC-32118, EC-32118S, E-34424, EC-34424, BA-000, BA-002,
Number (s):	NP-01 to NP-05, B-1201 to B-4601, L-1102 to L-9000, AT-2100 to AT-2701, AF-001 to AF-2354, AL-1104 to AL-4701,13-600 to 13-607, DM1011P to DM1064P.
Formula:	Complex polypeptides.
Synonyms:	Protein A, Horseradish Peroxidase, Laminin (mouse), Neuraminidase, Bromelain, Avidin (egg white), Glycosylated Bovine Serum Albumin, Lectins, Secondary and Monoclonal Antibodies, other Antisera.

EMERGENCY INFORMATION

EY Laboratories, Inc. 107 North Amphlett Blvd. San Mateo, CÂ 94401

EMERGENCY PHONE: 650-342-3296

HAZARDOUS COMPONENTS

Specific protein (s) as listed on the vial label. Solutions are at a concentration generally greater than 0.5mg protein / ml. Powders are generally greater than 95% specific protein unless otherwise indicated on the vial label or product information sheet. Biological activity of these proteins will vary. Although these materials are not generally considered to be hazardous they may cause allergic responses in sensitive individuals if inhaled or allowed to contact skin.

HEALTH HAZARD INFORMATION

None established. The toxicological properties of these products have not
been thoroughly investigated. Care should be taken when handling any of these materials.
Any of these proteins may cause acute localized eye, skin, or mucous
membrane irritation. Some sensitive individuals may develop a chronic allergic reaction with exposure.
Inhalation of powders and skin contact with liquids are the primary routes of exposure. Care should be taken to avoid the formation of aerosols when handling any of the solutions.

PHYSICAL CHARACTERISTICS

Powders may be white to amber brown in color. Solutions may be translucent APPEARANCE: to a clear brown SOLUBILITY: Powders are completely soluble in many biological buffers. Some are soluble in water. All liquids are completely miscible in water and biological buffers

FIRE AND EXPLOSION HAZARDS

EXTINGUISHING MEDIA SPECIAL FIRE FIGHING PRECAUTIONS:

Not considered to be a fire hazard. Water spray or CO2. None required.

NOTE: Most solutions contain 0.05% sodium azide as a preservative. Azide may react with lead and copper plumbing to form explosive metal azides. Flush with copious amounts of water when disposing material in the sink.

REACTIVITY DATA

STABILITY:
HAZARDOUS POLYMERIZATION: INCOMPATIBILITY:

Stable. Decomposition products are not known to be hazardous. Will NOT occur. None known. (Lead and copper may react with sodium azide).

SPILL / LEAK PROCEDURES

SPILL / LEAK PROCEDURES		
MATERIAL RELEASE /	Avoid contact with powder or liquid. Clean up spill with a paper towel	
SPILL:	soaked in household bleach. Do not allow solutions to dry on	
	environmental surfaces. Wash affected area with detergent after the area	
	has been treated with bleach.	
WASTE DISPOSAL:	Incinerate, autoclave, or dispose of paper waste in accordance with all	
	Local, State, and Federal regulations. Due to the small quantities of material involved these products are generally not considered to be	
	environmental hazards. All of these proteins are fully biodegradable.	

EMERGENCY FIRST AID PROCEDURES

May be harmful if swallowed, inhaled, or allowed to absorb through the skin. Wash contacted area with water for 15 minutes. If inhaled remove to fresh air, Report exposure to the appropriate safety official. Consult a physician if irritation occurs or if there is any indication of an allergic response such as watering eyes, sneezing, or difficulty breathing

SPECIAL HANDLING PRECAUTIONS

VENTILATION:	No special ventilation is required but it is recommended to handle these reagents in a fume hood when possible.
EYE PROTECTION:	Not required under most circumstances but recommended as a safety precaution.
RESPIRATORY PROTECTION:	Recommended as a safety precaution, specifically when working with powders. An approved respirator may be required for those individuals already known to be sensitive to these materials.
PROTECTIVE GLOVES:	Required when handling any of these materials.

SPECIAL PRECAUTIONS

This material is for research and experimental application only. It is not intended for food, drug, household, agricultural, or cosmetic use. All materials should be handled only by technically qualified individuals experienced with working with potentially hazardous chemicals. The above information is correct to the best of our knowledge. The user should make independent decisions regarding completeness of the information, based on all sources available. EY Laboratories, Inc. shall not be held liable for any damage resulting from handling or contact with the above product.



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