

Native Lent lily Narcissus pseudonarcissus Lectin (NPL)

Cat. No. NPL-659L **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Lent lily Narcissus pseudonarcissus Lectin (NPL/NPA) - Pure Blood Group Specificity: Rabbit Preferred Sugar Specificity: α-Mannose Inhibiting or Eluting Sugar: α-Methylmannoside Divalent Ions: None Required Mitogenic Activity: No Hazardous Shipping: Non-hazardous
Species	Lent lily
Source	Lent lily
Description	Narcissus pseudonarcissus lectin or agglutinin (NPL/NPA) is affinity purified composed of four subunits. It agglutinates rabbit erythrocytes but is non-reactive with human erythrocytes. NPA has an isoelectric point between pH 4.2 and pH 4.6 although studies have suggested that the purified lectin may have greater affinity for internal mannosyl residues than for nonreducing terminal units Human studies have found NPA to be nearly non-mitogenic, but it has been reported through an in vitro study that mitogenicity of NPA is age-related, with lymphoproliferative response of peripheral blood mononuclear cells (PBMC) in umbilical cord blood has a sevenfold increase than adult blood. NPA has also been found to be mitogenic for PBMC from lambs and not adult sheep.
Form	Lyophilized

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Molecular Mass	59 kDa
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Purity	High Purity Grade
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Storage	At -20 centigrade.
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GENE INFORMATION

Official Symbol	NPL
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Synonyms	Narcissus pseudonarcissus Lectin; NPL; NPA
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