Native Peanut Arachis hypogaea Lectin (PNA), FITC-Conjugated

Cat. No. PNA-296P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Peanut Arachis hypogaea Lectin (PNA) - FITC (Fluorescein) Blood Group Specificity: Non-specific Preferred Sugar Specificity: Galβ3GalNAc Inhibiting or Eluting Sugar: Galactose Divalent Ions: Ca++, Mg++ Excitation: 495 nm Emission: 515 nm Mitogenic Activity: No Hazardous Shipping: Non-hazardous Fluorescence: Green
Species	Peanut
Source	Peanut
Description	Arachis hypogaea agglutinin (PNA) is purified by affinity chromatography and is consisting of four subunits of approximately 27,000 each. This lectin has an isoelectric point between pH 5. 5 and pH 6. 5. Although extracts of Arachis hypogaea do not agglutinate untreated or trypsin-treated human erythrocytes, PNA has been known to agglutinate neuraminidase-treated human red blood cells. PNA may be used for clinical determination of T-polyagglutinability of erythrocytes and probing cell membranes of normal and malignant cells. This lectin can be of use in characterization of tumor-specific antigens on the surface of malignant cells. It can be

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	employed in the fractionation of stem cells in mice for use in bone marrow transplantation across histocompatibility barriers. Arachis hypogaea (Peanut) Lectin (PNA) is labeled with fluorescein isothiocyanate (FITC) and has an appropriate number of fluorochromes bound to provide the optimum staining characteristics for this lectin. FITC conjugates have been used in a variety of immunohistochemical and flow cytometry applications.
Form	Liquid
Purity	High Purity Grade
Stability	Shelf Life: 1 year
Storage	At -20 centigrade.
Concentration	5 mg/mL

GENE INFORMATION

Official Symbol	PNA
Synonyms	Arachis hypogaea Lectin; PNA

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