

Native Peanut *Arachis hypogaea* Lectin (PNA), Macrobeads-Conjugated

Cat. No. PNA-395P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Peanut <i>Arachis hypogaea</i> Lectin (PNA) - Macrobeads Blood Group Specificity: Non-specific Preferred Sugar Specificity: Galβ3GalNAc Mitogenic Activity: No Hazardous Shipping: Non-hazardous
Species	Peanut
Source	Peanut
Description	<i>Arachis hypogaea</i> 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 <i>Arachis hypogaea</i> 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 employed in the fractionation of stem cells in mice for use in bone marrow transplantation across histocompatibility barriers. Separopore® macrobeads are larger size (160-250 micron) than average agarose beads that facilitate coupling of cells and organelles and enzymes. Affinity-purified <i>Arachis hypogaea</i> (Peanut) Lectin (PNA) was immobilized on 4% agarose macrobeads with proper configuration and

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

stability of the lectin.

Form Liquid

Stability Shelf Life: 1 year

Storage At 2-8 centigrade.

GENE INFORMATION

Official Symbol PNA

Synonyms Arachis hypogaea Lectin; PNA

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA