

Native Arachis hypogaea Lectin (PNA), Polystyrene Beads-Conjugated

Cat. No. PNA-585P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Peanut Arachis hypogaea Lectin (PNA) - Polystyrene Beads Hazardous Shipping: Non-hazardous
Species	Peanut
Source	Peanut
Description	Affinity-purified PNA was immobilized to carboxylated polystyrene beads by covalent coupling with EDC (1-ethyl-3-(3-dimethylaminopropyl)carbodiimide hydrochloride) to ensure proper configuration and stability of the lectin. Polystyrene beads are of durable material, chemically and immunologically inert with a long shelf life. Polystyrene bead columns with immobilized antigen/antibody can be re-used without loss of activity. Coupled polystyrene beads come as a suspension. 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. 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.

GENE INFORMATION

Official Symbol	PNA
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Synonyms

Arachis hypogaea Lectin; PNA

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