

Product description

for Biotinylated lectins *

Product description:

Lectin-Biotin conjugates are designed for analytical applications as ELISA and other plate assays, gel blotting or cell and tissue staining purposes.

Following the addition of a biotinylated lectin, a covalent conjugate between (strept)avidin and an enzyme, fluorochrome, or other marker can be added.

Avidin is an egg-white derived glycoprotein with an extraordinarily high affinity (affinity constant $> 10^{15} \text{ M}^{-1}$) for biotin. Streptavidin is similar in properties to avidin but has a lower affinity for biotin. By covalently linking (strept)avidin with different ligands such as fluorochromes, enzymes or other markers the Lectin-Biotin-Avidin system can be utilized to study a wide variety of biological structures and processes.

Delivery Contents:

1 x Lectin-Biotin conjugate. Buffered solution, containing sodium azide as a preservative

Cat.No.	Product description	Lectin	Buffer	Size
150021	GNA-Biotin	<i>Galanthus nivalis</i>	Phosphate buffer, pH 7.4	2 mg
150031	WGA-Biotin	<i>Triticum vulgare</i>	Phosphate buffer, pH 7.4	5 mg
150041	ConA-Biotin	<i>Canavalia ensiformis</i>	Phosphate buffer, pH 7.4	5 mg
150051	LCH-Biotin	<i>Lens culinaris</i>	Phosphate buffer, pH 7.4	5 mg
150061	PNA-Biotin	<i>Arachis hypogaea</i>	Phosphate buffer, pH 7.4	5 mg
150081	ECL-Biotin	<i>Erythrina cristagalli</i>	Phosphate buffer, pH 7.4	2 mg
150091	AAL-Biotin	<i>Aleuria aurantia</i>	Phosphate buffer, pH 7.4	1 mg
150121	SNA-Biotin	<i>Sambucus nigra</i>	Phosphate buffer, pH 7.4	2 mg
150131	MAL-Biotin	<i>Maackia amurensis</i>	Bis-Tris buffer, pH 6.0	2 mg
150141	UEA-Biotin	<i>Ulex europaeus</i>	Phosphate buffer, pH 7.4	2 mg

Storage:

Lectin-Biotin conjugates can be stored at 2-8 °C for short term. For long term storage it is recommended to prepare aliquots of stock solutions and store them at -20 °C.

* for research, laboratory and in vitro use only; not for drug or diagnostic use, food or food additives, household or other uses

For orders and technical support please contact:

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