



Goat Anti-C. diphtheriae Toxoid Polyclonal antibody [Biotin] (DPAB1446)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Demonstrated reactivity with purified diphtheria toxin/toxoid
Target	C. diphtheriae Toxoid
Immunogen	Purified diphtheria toxoid
Source/Host	Goat
Species Reactivity	C. diphtheriae
Purification	IgG fraction covalently coupled with the N-Hydroxysuccinimide ester of biotin under mild conditions to give a high degree of substitution.
Conjugate	Biotin
Applications	Avidin and streptavidin amplification systems for ELISA. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Concentration	4-5mg/ml (OD280nm, E0.1%=1.4)
Size	1 ml
Buffer	0.01M PBS, pH 7.2 No stabilizing proteins have been added.
Preservative	0.1% Sodium Azide
Storage	Short-term (up to 6 months) store at 2-8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

BACKGROUND

Introduction	Corynebacterium diphtheriae is a gram-positive, nonmotile bacteria found in soil and animal feces. C. diphtheriae infect the epithelial cells of the upper respiratory tract from where they produce and secrete a potent toxin. This toxin is absorbed and disseminated through lymph channels and blood to the susceptible tissues of the body.
Keywords	Corynebacterium diphtheriae toxoid; Diphtheria Toxin; tox; Diphtheria tox; Actinobacteria; Actinomycetales; Corynebacteriaceae; Corynebacterium diphtheria; C. diphtheriae