



Anti-C. diphtheriae Toxoid Polyclonal antibody (DPAB1448)

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

PRODUCT INFORMATION

Specificity	Demonstrated reactivity to purified diphtheria toxin/toxoid.
Target	C. diphtheriae Toxoid
Immunogen	Purified diphtheria toxoid
Source/Host	Goat
Species Reactivity	C. diphtheriae
Purification	95% pure. Sodium sulfate precipitation and ion-exchange chromatography
Conjugate	Unconjugated
Applications	Suitable for use in ELISA and gel techniques. 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.
Format	Purified, Liquid
Concentration	4-5mg/ml (OD280nm, E0.1%=1.4)
Size	1 ml
Buffer	0.01M PBS, pH 7.2. This product contains no stabilizing proteins.
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