

BP1019B**Polyclonal Antibody to Diphtheria toxin - Biotin****Alternate names:**

Corynebacterium diphtheriae toxin

Quantity:

1 ml

Concentration:

4-5 mg/ml (OD280 nm, E0.1% = 1.4)

Background:

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.

Host:

Goat

Immunogen:

Purified diphtheria toxoid

Format:**State:** Liquid purified Ig fraction**Buffer System:** 0.01 M PBS, pH 7.2**Preservatives:** 0.09% Sodium Azide**Stabilizers:** None**Label:** Biotin – Covalently coupled with the N-Hydroxysuccinimide ester of under mild conditions to give a high degree of substitution**Applications:**

Avidin and streptavidin amplification systems for ELISA.

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity:

Demonstrated reactivity with diphtheria purified toxin/toxoid.

Storage:

Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.