



Anti-Tetanus Toxoid polyclonal antibody (DPAB0141)

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

PRODUCT INFORMATION

Specificity	Tetanus toxoid
Immunogen	Purified tetanus toxoid
Source/Host	Goat
Species Reactivity	Bacteria
Purification	95% pure. Sodium sulfate precipitation and ion-exchange chromatography
Conjugate	Unconjugated
Applications	Suitable for use in gel techniques (IEP). 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
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

Tetanus toxoid is derived from the toxin released by *Clostridium Tetanis* that causes the disease tetanus. It is used as a vaccine to prevent tetanus or to help boost the immune response to other vaccines. A toxoid is a substance that has been treated to destroy its toxic properties but that retains the capacity to stimulate production of antitoxins, used in immunization. Tetanus toxoid is produced by formaldehyde inactivation of pure neuro toxin. Each lot is verified to be non toxic. In addition to being a potent antigen, tetanus toxoid is a useful carrier protein for making polysaccharides and haptens immunogenic.

Keywords

Tetanus Toxoid; *Clostridium tetani* toxoid; Tetoxylisin; Tetanus toxin; tetX