



Clostridium tetani Tetanus Toxoid (DAGA-115)

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

PRODUCT INFORMATION

Product Overview	Activity: Maximum T cell stimulation observed at 1 ug/mL. Structure: Two subunits, one heavy chain of 100 kD and a light chain of 50 kD joined by a disulfide bond.
Antigen Description	Tetanus toxoid is an inactivated form of tetanus toxin. Tetanus toxin is an exotoxin produced by Clostridium tetani and is the agent responsible for "lockjaw". Tetanus toxin binds to presynaptic membranes and is internalized by nerves. The toxin is then transported to the central nervous system through retrograde axonal transport within the neuron. In the CNS, the toxin blocks neurotransmitter release leading to the muscle spasms characteristic of tetanus.
Nature	Native
Expression System	C. tetani
Conjugate	Unconjugated
Molecular Weight	150 kD
Procedure	None
Concentration	Batch dependent - please inquire should you have specific requirements.
Size	100 µg, 1 mg
Preservative	None
Storage	Store at 2-8°C. Mix well just before use

BACKGROUND

Keywords Tetanus Toxoid; Clostridium tetani toxoid; Tentoxylisin; Tetanus toxin; tetX; Clostridium tetani

