



Canine troponin I-T-C complex (DAGA-890)

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

PRODUCT INFORMATION

Antigen Description	Troponin complex is a heteromeric protein playing an important role in the regulation of skeletal and cardiac muscle contraction. Troponin complex consists of three different subunits: troponin T (TnT), troponin I (TnI) and troponin C (TnC). Each subunit is responsible for a part of troponin complex function. TnT is a tropomyosin-binding subunit which regulates the interaction of troponin complex with thin filaments; TnI inhibits ATP-ase activity of acto-myosin; TnC is a Ca^{2+} - binding subunit, playing the main role in Ca^{2+} dependent regulation of muscle contraction.
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Conjugate	Unconjugated
Applications	Immunological and biochemical studies.
Format	Lyophilized
Concentration	Batch dependent - please inquire should you have specific requirements
Size	0.05 mg
Buffer	150 mM NaCl, 5 mM CaCl_2 , 20 mM Tris, pH 7.5.
Preservative	None
Storage	-20°C

BACKGROUND

Keywords	Cardiac Troponin C+I+T Complex Protein;Troponin Complex Protein;Cardiac Troponin C/I/T Protein
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