



## Anti-Tropomyosin autoantibodies

### Incidences

Myasthenia gravis, Cardiac diseases, Morbus Behçet.

**Table 1** Diseases associated with anti-Troponin

Diseases		Authors
Myasthenia gravis	Prevalence 29 %	<a href="#">Takaya et al. 1992</a>
Heart diseases	Ischemic heart diseases, dilatative cardiomyopathies, valve diseases.	<a href="#">Fujita et al. 2000</a>
Collagen diseases		<a href="#">Fujita et al. 2000</a>
Morbus Behçet		<a href="#">Mahesh et al. 2005</a>
Additional disease associations in preparation.		

### Literature

Fujita A, Kuroda S, Tada H, Hidaka Y, Kimura M, Takeoka K, Nagata S, Sato H, Amino N: Enzyme-linked immunosorbent assay for anti-tropomyosin antibodies and its clinical application to various heart diseases. Clin Chim Acta (2000); 299(1-2): 179 - 192. (PMID: [10900303](#)).

Mahesh SP, Li Z, Buggage R, Mor F, Cohen IR, Chew EY, Nussenblatt RB: Alpha tropomyosin as a self-antigen in patients with Behçet's disease. Clin Exp Immunol (2005); 140(2): 368 - 375 (PMID: [15807864](#)).

Takaya M, Kawahara S, Namba T, Grob D: Antibodies against myofibrillar proteins in myasthenia gravis patients. Tokai J Exp Clin Med (1992); 17(1): 35 - 39 (PMID: [1523691](#)).

Yamamoto T, Sato T, Sugita H: Antifilamin, antivinculin, and antitropomyosin antibodies in myasthenia gravis. Neurology (1987); 37(8): 1.329 - 1.333 (PMID: [3112609](#)).