

Product Datasheet

Anti-h cTnI RC9701 SPTN-5 140000

Product Name	Anti-h cTnI RC9701 SPTN-5
Catalog Number	140000
Description	Recombinant chimeric antibody containing variable region from mouse IgG and constant region from human IgG1, cultured in vitro under conditions free from animal-derived components.
Tested Applications	FIA
Alternative Names	troponin
Brand	Medix Biochemica
Form/Appearance	Liquid, may turn slightly opaque during storage
Concentration	5.0 mg/ml (+/- 10 %)
Storage	+2-8°C
Isotype	human IgG1
Clonality	Monoclonal
Epitope	In the stable part of the cTnI molecule (residues 85-95)
Purity	≥ 95 %
Affinity constant	N/D
Associated Products	Recombinant cTnI antigen, Medix Biochemica 610102, native cTnI antigen, Medix Biochemica 550-11, native cardiac Troponin Complex (cTn ITC) antigen, Medix Biochemica 550-10.
Buffer	50 mM Na-citrate, pH 6.0, 0.9 % NaCl, 0.095 % NaN ₃ as a preservative
IEF Profile	7.5-8.8
Cross Reactivity	Does not recognize skeletal troponin I (sTnI)
Specificity	Antibody recognizes human cardiac troponin I (cTnI)
Matched Pairs	RC9750 is recommended as a very sensitive capture. For increased sensitivity, 2+1 or 2+2 antibody approach is recommended, for example capture: 9701/RC9701 & 9705, detection 9703 & 9707/RC9707.
Shelf Life	Unspecified