

Product Datasheet

Anti-h cTnI 9701 SPRN-5 100129

Product Name	Anti-h cTnI 9701 SPRN-5
Catalog Number	100129
Description	Monoclonal mouse antibody, cultured in vitro under conditions free from animal-derived components.
Tested Applications	LF, 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	IgG1
Clonality	Monoclonal
Epitope	In the stable part of the cTnI molecule (residues 85-95)
Purity	≥ 95 %
Associated Products	Recombinant cTnI antigen 610102 Native cTnI antigen 550-11 Native cardiac Troponin Complex (cTn ITC) antigen 550-10
Buffer	37 mM citrate, 125 mM phosphate, pH 6.0, 0.9 % NaCl, 0.095 % NaN ₃ as a preservative
IEF Profile	6.2-7.0
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. The antibody pair (Capture-Detection) RC9750-9701 is especially recommended for both FIA and LF. For increased sensitivity, 2+1 or 2+2 antibody approach is recommended, for example capture: 9701/RC9701 & 9705, detection 9703 & 9707/RC9707.
Shelf Life	36 months