

Product Datasheet

Anti-h cTnI RC9701 SPTN-5 140000

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| 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 |