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30-2943-HRP: Monoclonal Antibody to C-peptide (Clone: C-PEP-01)-HRP Conjugated

Clonality :	Monoclonal
Clone Name :	C-PEP-01
Application :	ELISA
Reactivity :	Human
Conjugate :	HRP
Alternative Name :	C-peptide of proinsulin
Isotype :	Mouse IgG1
Immunogen Information :	Human C-peptide conjugated to bovine serum albumin.

Description

The mouse monoclonal antibody C-PEP-01 reacts specifically with C-peptide, a part of the proinsulin molecule. Proinsulin consists of three parts: C-peptide and two long strands of amino acids (alpha and beta chains; later become linked together to form the insulin molecule). No cross-reactivity with insulin or other peptide hormones or proteins was observed.

Product Info

Amount :	0.1 mg
Purification :	Purified antibody is conjugated with activated horseradish peroxidase (HRP) of high specific enzyme activity under optimum conditions and unconjugated antibody and free HRP are removed by size-exclusion chromatography.
Content :	Concentration: 0.2 mg/ml Stabilizing phosphate buffered saline (PBS), pH 7.4, 0.01% thimerosal
Storage condition :	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.

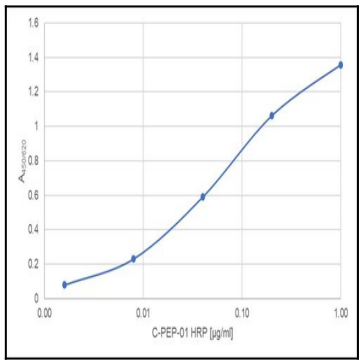


Figure 1: ELISA analysis of human C-peptide by mouse monoclonal antibody C-PEP-01. MaxiSorp plate was coated with recombinant human C-peptide, then blocked with BSA, and incubated with dilution series of anti-C-peptide HRP conjugated primary antibody. Colorimetric detection was performed using TMB substrate and absorbance was measured at 450 nm.

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