

C Peptide Antibody FITC Conjugated

Catalog No: #C00198F

Package Size: #C00198F 100ul

Description

Product Name	C Peptide Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IF
Species Reactivity	Hu
Immunogen Description	KLH conjugated synthetic peptide of human C Peptide
Conjugates	FITC
Target Name	C Peptide
Other Names	proinsulin precursor; Hyperproinsulinemia; INS; Insulin Precursor; IRDN; Proinsulin; Propeptide; C-Peptide; INS_HUMAN.
Accession No.	NCBI Gene ID3630
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

IF=1:50-200

Background

C Peptide is part of the molecule of Proinsulin, that consists of three parts: C Peptide and two long strands of amino acids (called the alpha and beta chains) that later become linked together to form the insulin molecule. From every molecule of proinsulin, one molecule of insulin plus one molecule of C Peptide are produced. C peptide is released into the blood stream in equal amounts to insulin. A test of C peptide levels will show how much insulin the body is making. Insulin decreases blood glucose concentration. It increases cell permeability to monosaccharides, amino acids and fatty acids. It accelerates glycolysis, the pentose phosphate cycle, and glycogen synthesis in liver.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.