

C-Peptide Antibody

CATALOG #:	3277-100
AMOUNT:	100 µg
HOST:	Rabbit
ISOTYPE:	IgG
IMMUNOGEN:	Synthetic peptide (BV-L26)
PURIFICATION:	Affinity purified rabbit IgG
FORM:	Liquid
FORMULATION:	100 µg (0.5 mg/ml) of antibody in PBS, 0.01 % BSA, 0.01 % thimerosal, and 50 % glycerol, pH 7.2
SPECIES REACTIVITY:	Human, Mouse and Rat.
STORAGE CONDITIONS:	Store for 1 year at -20°C from date of shipment. Avoid repeated freeze/thaw cycles.

DESCRIPTION: 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.

APPLICATION: Western blot: 1:200

Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.

RELATED PRODUCTS:

- C-Peptide Blocking Peptide (**Cat. No. 3277BP-50**)

FOR RESEARCH USE ONLY! Not to be used on humans.