

C-Peptide RIA Kits:

- Human
- Porcine
- Rat
- Canine

- All components are included in each kit (standards, antibody, tracer, quality controls, precipitating reagent and buffers) to complete a RIA.
- All assays require sample volume $\leq 100 \mu\text{l}$ serum, plasma, or tissue culture media.

CATALOG NO.

HCP-20K
HCP-20HK

Human C-Peptide RIA Kit

QUANTITY

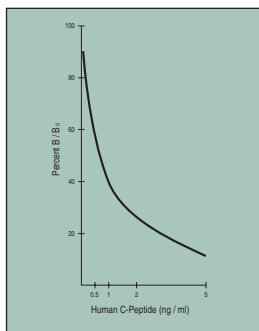
250 Tubes
125 Tubes

An overnight assay using serum or plasma with very low crossreactivity to human proinsulin. No extraction of sample is required.

LABEL: ^{125}I -Human C-Peptide (HPLC purified, 20,000 CPM/tube)

SPECIFICITY:

Human C-Peptide	100%
Human Proinsulin	<4.0%
Human Insulin	*
Glucagon	*
Somatostatin	*
Pancreatic Polypeptide	*
Monkey C-Peptide	90%
Rat C-Peptide	*
Porcine C-Peptide	*



PERFORMANCE:

ED₈₀ = 0.3 ± 0.1 ng/ml
ED₅₀ = 1.1 ± 0.1 ng/ml
ED₂₀ = 4.1 ± 0.4 ng/ml

ASSAY CONDITIONS:

Overnight, equilibrium incubation at 4°C.

* Not Detectable

CATALOG NO.

RCP-21K

Rat C-Peptide RIA Kit

QUANTITY

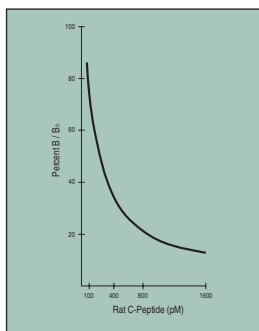
250 Tubes

This assay uses an antibody produced against synthetic rat C-peptide and displays no crossreactivity to C-peptide of several other species.

LABEL: ^{125}I -Rat C-Peptide (HPLC purified, 20,000 CPM/tube)

SPECIFICITY:

Rat C-Peptide	100%
Mouse C-Peptide	100%
Human C-Peptide	<0.1%
Porcine C-Peptide	<0.01%
Human Proinsulin	<0.01%
Rat Insulin	*
Human Insulin	*
Rat PP	*
Glucagon	*
Somatostatin	*
Human PP	*
Amylin	*



PERFORMANCE:

ED₈₀ = 61 ± 7 pM
ED₅₀ = 198 ± 14 pM
ED₂₀ = 672 ± 52 pM

ASSAY CONDITIONS:

Two-day, disequilibrium incubation at 4°C.

* Not Detectable

CATALOG NO.

PCP-22K

Porcine C-Peptide RIA Kit

QUANTITY

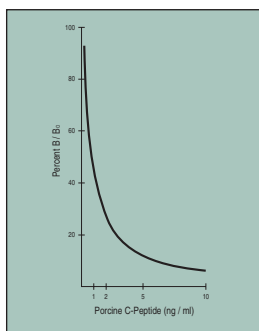
250 Tubes

A unique assay designed specifically for the measurement of porcine C-peptide in serum or plasma.

LABEL: ^{125}I -Porcine C-Peptide (HPLC Purified, 20,000 CPM/tube)

SPECIFICITY:

Porcine C-Peptide	100%
Rat C-Peptide	<1.0%
Human C-Peptide	<1.0%
Human Proinsulin	<1.0%
Rat Insulin	*
Glucagon	*
Somatostatin	*
Rat PP	*
Human PP	*
Amylin	*



PERFORMANCE:

ED₈₀ = 0.2 ± 0.02 ng/ml
ED₅₀ = 0.9 ± 0.10 ng/ml
ED₂₀ = 2.9 ± 0.30 ng/ml

ASSAY CONDITIONS:

Two-day, disequilibrium incubation at 4°C.

* Not Detectable

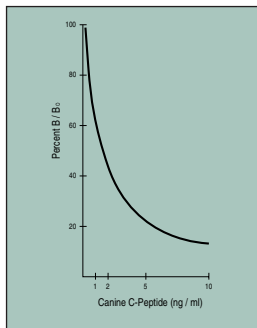
A unique assay designed specifically for the measurement of canine C-peptide in serum or plasma. The kit includes all components (standards, antibody, tracer, quality controls, precipitating reagents and buffer) necessary to complete a RIA.

LABEL: ¹²⁵I-Canine C-Peptide (monoiodinated, HPLC Purified, 18,000 CPM/tube)

SPECIFICITY:

Canine C-Peptide	100%
Human C-Peptide	<0.05%
Human Insulin	*
Human Proinsulin	*
Porcine Proinsulin	*
Bovine Proinsulin	*
Glucagon	*

* Not Detectable



PERFORMANCE:

ED ₈₀	=	0.3 ± 0.02	ng/ml
ED ₅₀	=	1.0 ± 0.04	ng/ml
ED ₂₀	=	3.3 ± 0.11	ng/ml

ASSAY CONDITIONS:

Two-day, disequilibrium incubation at 4°C.