

Rabbit Anti-hPTH(1-34) Serum

IP-716

Lot # 8082

The antiserum was raised in a rabbit which was immunized with human PTH(1-34) covalently attached onto a carrier protein. The antiserum is specific for hPTH(1-34) and is suitable for the immunoprecipitation of hPTH(1-34) and intact hPTH. The antiserum has been characterized by RIA and ELISA techniques. Rehydrate the lyophilized antiserum with 0.1 ml of 10 mg/ml BSA in PBS for the equivalent of whole antiserum, and then dilute with additional buffer for more dilute antiserum.

Antiserum Specificity

Polypeptide	% Cross Reactivity
PTH(1-34) (human)	100
PTH(1-84) (human)	100
PTH(1-84) (bovine)	80
PTHrp(1-35)	<0.1
Atrial natriuretic peptide	0
Calcitonin (human)	0
CGRP (human)	0
VIP	0

Immunoprecipitation

This antiserum has been found to immunoprecipitate quantitatively at dilutions of 1:400 by RIA techniques using goat anti-rabbit IgG antibody and carrier rabbit IgG for double antibody precipitation and using magnetic beads coated with goat anti-rabbit IgG antibody.