

Data Sheet

HUMAN PARATHYROID HORMONE (PTH) (aa 53-84)

ANTIBODY, POLYCLONAL

Catalog no.:	A 1411.1 / A 1411.2
Immunogen:	Synthetic human PTH (aa 53-84) bTG- conjugated (KKEDNVLVESHEKSLGEADKADVNVLTKAKSQ)
Synonyms:	Parathormone, Parathyrin
Swiss-Prot No:	P01270
Gene Information:	Gene Name: PTH
	GeneID: 5741
Host:	Rabbit
Matrix:	Serum
Specificity:	Human PTH (aa 53-68; 53-84; 1-84)
	There was no cross reactivity obtained with human PTH (aa 1-34).
Contents:	20 µg / 100 µg (lyophilized)
	Resuspend in 20 µl / 100 µl aqua bidest.
Known applications:	RIA (1:5000)[1, 2], IRMA[3]
	This antibody has not been tested for use in all applications. This does not necessarily exclude its use in non-tested procedures. The stated dilutions are recommendations only. End users should determine optimal dilutions in their system using appropriate negative/positive controls.
Store at:	2-8 °C (lyophilized); - 20 °C (dissolved)
	Repeated thawing and freezing must be avoided

References:

1. Herfarth K, Blind E, Schmidt-Gayk H, Armbruster FP. Immunological Properties of Asparagine versus Aspartic Acid at Residue 76 of Human Parathyroid Hormone (Residues 53-84). In: Schmidt-Gayk H, Armbruster FP, Bouillon R, eds. *Calcium Regulating Hormones, Vitamin D Metabolites, and Cyclic AMP*. Berlin: Springer-Verlag, 1990:201-9.

2. Boehler U. Measurement of Intact Parathyroid Hormone by a Two-Site Immunochemiluminometric Assay. In: Schmidt-Gayk H, Armbruster FP, Bouillon R, eds. *Calcium Regulating Hormones, Vitamin D Metabolites, and Cyclic AMP*. Berlin: Springer-Verlag, 1990:167-89.

3. Blind E, Schmidt-Gayk H, Armbruster FP, Stadler A (1987). Measurement of intact human parathyrin by an extracting two-site immunoradiometric assay. *Clin Chem* **33**:1376-81.

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