

Parathyroid Hormone, Bovine-Type, Synthetic (1-34) fragment Reference standard

Cat. No. PTH-66B **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species Bovine

Enzyme Unit Each ampoule of the reagent contains 503 units.

Usage For all practical purposes, each ampoule of reagent contains the same quantity of the substances listed above. Dissolve the total contents of the ampoule in a known volume of a suitable solvent (distilled water, saline or buffer) with carrier protein where extensive solution is required. No attempt should be made to weigh out any portion of the freeze-dried material. For economy of use, it may be possible that the solution be sub-divided into several small containers and stored at -40°C or below for approx. 3 months. Conditions of storage should be monitored carefully to ensure that activity is retained. The ampoules do not contain bacteriostat and solution of the reagent should not be assumed to be sterile.

Notes This preparation is not for administration to humans. The material is not of human or bovine origin. As with all materials of biological origin, this preparation should be regarded as potentially hazardous to health. It should be used and discarded according to your own laboratorys safety procedures. Such safety procedures should include the wearing of protective gloves and avoiding the generation of aerosols. Care should be exercised in opening ampoules or vials, to avoid cuts.

Storage Unopened ampoules should be stored at -20°C. Please note: because of the inherent

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stability of lyophilized material, Creative Biomart may ship these materials at ambient temperature.

GENE INFORMATION

Gene Name PTH parathyroid hormone [Bos taurus];

Official Symbol PTH

Synonyms parathyroid hormone; parathyrin

Gene ID 280903

mRNA Refseq NM_173954

Protein Refseq NP_776379

UniProt ID P01268

Chromosome Location 15q22-q27

Pathway Class B/2 (Secretin family receptors), organism-specific biosystem; G alpha (s) signalling events, organism-specific biosystem; Osteoblast, organism-specific biosystem

Function RNA polymerase II distal enhancer sequence-specific DNA binding transcription factor activity; hormone activity; peptide hormone receptor binding

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