

Porcine Corticotrophin Reference standard

Cat. No. pCG-187P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Several batches of ampoules have been prepared in a similar way and from the same material as the reference Standard for Corticotrophin (ACTH), Porcine for Bioassay. For further details of this Standard and its collaborative study, see Bangham et al (1962). For an assessment of the stability of the Standard and the heterogeneity of the peptides contained in it, see Storrington et al (1980).
Species	Pig
Enzyme Unit	Each ampoule contains 5 INTERNATIONAL UNITS (by definition).
Usage	For practical purposes each ampoule contains the same amount of the same materials. Dissolve all the contents in a known amount of buffer solution. No attempt should be made to weigh portions of the freeze-dried powder. For economy of use the solution can be kept for several months if an anti-bacterial preservative is added and the solution is subdivided into several small containers, which are frozen rapidly to below -70 °C and then stored below -30 °C in the dark; repeated freezing and thawing should be avoided. If extensive dilutions are prepared, a carrier protein (0.1% w/v) should be added, which is free of peptidase. The material has not been sterilized and contains no bacteriostat.
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 laboratory's safety procedures. Such safety procedures should

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

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