Porcine Insulin Reference standard

Cat. No. INS-74P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Pig
Enzyme Unit	ONE INTERNATIONAL UNIT of porcine insulin is the activity contained in 0.03846 mg of the standard for porcine insulin, by definition.
Usage	The content of an ampoule is variable. Aliquots of insulin crystals should be accurately weighed after allowing the ampoule to equilibrate at room temperature in a desiccator.
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 stability of lyophilized material, Creative Biomart may ship these materials at ambient temperature.

GENE INFORMATION

Gene Name	INS insulin [Sus scrofa];

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Official Symbol	INS
Synonyms	insulin; proinsulin; preproinsulin
Gene ID	397415
mRNA Refseq	NM_001109772
Protein Refseq	NP_001103242
UniProt ID	P01315
Chromosome Location	chromosome: 2
Pathway	AMPK signaling pathway, organism-specific biosystem; HIF-1 signaling pathway, organism-specific biosystem; Non-alcoholic fatty liver disease (NAFLD), organism-specific biosystem
Function	hormone activity; identical protein binding

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