

## INS

### Native Porcine Insulin

<b>Catalog No.</b>	CNH008A CNH008B	<b>Quantity:</b>	10 mg 50 mg
<b>Alternate Names:</b>	IDDM; ILPR; IRDN; IDDM1; IDDM2; MODY10		
<b>Description:</b>	After removal of the precursor signal peptide, proinsulin is post-translationally cleaved into three peptides: the B chain and A chain peptides, which are covalently linked via two disulfide bonds to form insulin, and C-peptide. Binding of insulin to the insulin receptor (INSR) stimulates glucose uptake.		
<b>Gene ID:</b>	397415		
<b>Source:</b>	Porcine Pancreas		
<b>Formulation:</b>	The protein was lyophilized from a concentrated (1 mg/ml) solution with no additives.		
<b>Purity:</b>	>97.0% as determined by SEC-HPLC		
<b>Total Bacterial Count:</b>	≤ 300 CFU/g		
<b>Biological Activity:</b>	≥ 27 USP units/mg		
<b>Storage &amp; Stability:</b>	Lyophilized product is stable at room temperature for shipping purposes. Upon receipt store desiccated at -20°C.  Upon reconstitution protein should be stored at 2-8°C up to 1 week. For long term storage, aliquot and freeze at -20 to -80°C. <b>Avoid repeated freeze-thaw cycles.</b>		

**NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.**

