

# Product Datasheet

## Pancreatic Islet Lysate Antibody - BSA Free NBP2-44126-0.25mg

Unit Size: 0.25 mg

Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.

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**NBP2-44126-0.25mg**

Pancreatic Islet Lysate Antibody - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.25 mg
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.01% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Multi-step
<b>Buffer</b>	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
<b>Product Description</b>	
<b>Description</b>	<p>This product is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Dog Serum</p> <p>Store vial at -20C prior to opening. Aliquot contents and freeze at -20C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p>
<b>Host</b>	Canine
<b>Species</b>	Porcine
<b>Reactivity Notes</b>	Cross reactivity was determined by immunoblot (western) to be minimal against porcine kidney and porcine liver cell lysates
<b>Immunogen</b>	Sonicated crude membrane fraction of porcine pancreatic islets of langerhans cells (Uniprot: P01300)
<b>Product Application Details</b>	
<b>Applications</b>	Sandwich ELISA
<b>Recommended Dilutions</b>	Sandwich ELISA 1:50 -1:200
<b>Application Notes</b>	This product has been assayed against 1.0 ug of Pancreatic Islet Lysate [Porcine Pancreas] in a standard sandwich ELISA using Peroxidase conjugated Affinity Purified anti-Dog IgG [H&L] (Goat) and o-Phenylenediamine (OPD) as a substrate. A working dilution of 1:50 to 1:100 is suggested for this product. This product has been assayed against 1.5 ug of Pancreatic Islet Lysate [Porcine Pancreas] per lane by immunoblot (western) under reducing conditions of SDS-PAGE prior to transfer to nitrocellulose and detection using Peroxidase conjugated Affinity Purified anti-Dog IgG [H&L] (Goat) and Diaminobenzidine (DAB) as a substrate. A working dilution of 1:50 to 1:200 is suggested for this product.



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### **Products Related to NBP2-44126-0.25mg**

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NB7343	Goat anti-Canine IgE Heavy Chain Secondary Antibody
NBP1-96769-1mg	Canine IgG Fc Isotype Control

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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