Product Datasheet

Digoxin Antibody (26G10)
NBP1-78619

Unit Size: 100ug

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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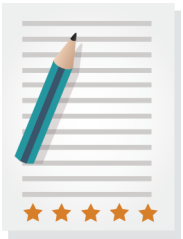


NBP1-78619

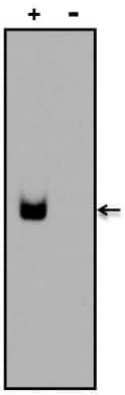
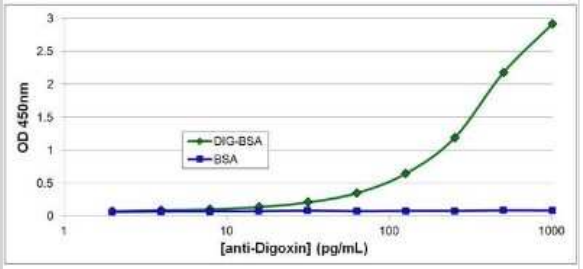
Digoxin Antibody (26G10)

Product Information	
Unit Size	100ug
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	26G10
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Ion exchange chromatography
Buffer	0.01M potassium phosphate with 0.135M NaCl, 1mg/ml BSA, 2.5mM KCl

Product Description	
Host	Mouse
Species	Non-species specific
Reactivity Notes	Chemical
Immunogen	Digoxin-BSA

Product Application Details	
Applications	Western Blot, Chemiluminescence Immunoassay, ELISA, Immunoprecipitation, Radioimmunoassay
Recommended Dilutions	Western Blot 1 ug/ml, ELISA 1:100 - 1:2000, Immunoprecipitation 1:10 - 1:500, Radioimmunoassay 1:100 - 1:2000, Chemiluminescence Immunoassay

Images

Western Blot: Digoxin Antibody (26G10) [NBP1-78619] - Analysis of 10ng of BSA or Digoxin-labeled BSA per well and 5ul of PageRuler Plus Prestained Protein Ladder.	
Chemiluminescence Immunoassay: Digoxin Antibody (26G10) [NBP1-78619] - Chemiluminescent detection of a Digoxin-labeled oligonucleotide was performed by diluting a Digoxin-labeled DNA oligonucleotide (+) or an unlabeled oligonucleotide control (-) in TriTracker Loading Dye, and loading 5pmols onto a 6% DNA Retardation Gel. DNA was transferred to a Biodyne B membrane and blocked for 30 minutes at room temperature. Digoxin was detected using a Digoxin monoclonal antibody at a dilution of 1ug/ml for 30 minutes at room temperature, followed by a goat anti-mouse IgG-HRP secondary antibody at a dilution of 1:10,000 for at least 30 minutes at room temperature. Chemiluminescent detection was performed using the Chemiluminescent Nucleic Acid Chemiluminescent detection Module Kit.	
ELISA: Digoxin Antibody (26G10) [NBP1-78619] - Indirect ELISA analysis of Digoxin was performed by preparing a 10ug/mL solution of BSA or Digoxin-labeled BSA in 0.2M Carbonate-Bicarbonate, pH 9.4. 100uL of each solution was added to separate wells of a clear 96-well plate, and incubated overnight at 4C. Each well was blocked with SuperBlock in PBS. The plate was then washed with PBST and incubated with 100uL per well of Digoxin monoclonal antibody in triplicate at ~1000 – 2pg/mL for 1 hour at room temperature. The plate was washed with PBST and incubated with 100ul per well of goat anti-mouse IgG-HRP secondary antibody in all test wells at 1:25,000 for 30 minutes at room temperature. Detection was performed using 1-Step TMB Ultra substrate for 15 minutes at room temperature. The plate was then stopped with 0.2M sulfuric acid. Absorbances were read on a spectrophotometer at 450-550nm.	

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Products Related to NBP1-78619

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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