

Mouse Homeobox protein Nkx-2.1, NKX2-1 ELISA Kit | NKX2-1 elisa kit

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CATALOG #
AAA18953

REACTIVITY
Mouse

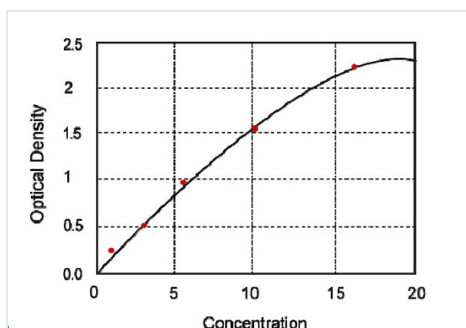
PRODUCT SYNONYMS

Homeobox protein Nkx-2.1; NKX2-1; Mouse Homeobox protein Nkx-2.1; NKX2-1 ELISA Kit; NKX2-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	401
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 30ng/ml
Sensitivity	0.033ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NKX2-1 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse Homeobox Protein Nkx-2.1 (also known as NKX2-1) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse NKX2-1 antibody. NKX2-1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse NKX2-1 Antibody is added and binds to NKX2-1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated NKX2-1 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Mouse NKX2-1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	118766339
NCBI GeneID	7080
NCBI Accession #	NP_001073136.1
NCBI GenBank Nucleotide #	NM_001079668.2
UniProt Accession #	P43699; O14954; O14955; Q7KZF6; Q9BRJ8; D3DSA3
Molecular Weight	41,737 Da
NCBI Official Full Name	homeobox protein Nkx-2.1 isoform 1
NCBI Official Synonym Full Names	NK2 homeobox 1
NCBI Official Symbol	NKX2-1
NCBI Official Synonym Symbols	BCH; BHC; NK-2; TEBP; TTF1; NKX2A; NMTC1; T/EBP; TITF1; TTF-1; NKX2.1
NCBI Protein Information	homeobox protein Nkx-2.1
UniProt Protein Name	Homeobox protein Nkx-2.1
UniProt Gene Name	NKX2-1
UniProt Synonym Gene Names	TTF-1; T/EBP

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.