

Bovine Atrial natriuretic peptide receptor 2, NPR2 ELISA Kit | NPR2 elisa kit

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CATALOG # AAA43467	REACTIVITY Bovine
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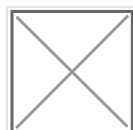
PRODUCT SYNONYMS

Atrial natriuretic peptide receptor 2; NPR2; Bovine Atrial natriuretic peptide receptor 2; NPR2 ELISA Kit; NPR2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Sequence Length	1047
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 15ng/ml
Sensitivity	0.023ng/ml
Intra-Assay	CV<8%
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 NPR2 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Bovine Atrial Natriuretic Peptide Receptor 2 (also known as NPR2) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Bovine NPR2 antibody. NPR2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Bovine NPR2 Antibody is added and binds to NPR2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated NPR2 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 Bovine NPR2. 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 #	4580422
NCBI GeneID	4882
NCBI Accession #	NP_003986.2

NCBI GenBank Nucleotide #	NM_003995.3
UniProt Accession #	P20594; O60871; Q4VAK7; Q5TCV2; Q8TA93; Q9UQ50; B0ZBF2; B0ZBF3; D3DRP3; D3DRP4
Molecular Weight	111,208 Da
NCBI Official Full Name	atrial natriuretic peptide receptor 2
NCBI Official Synonym Full Names	natriuretic peptide receptor 2
NCBI Official Symbol	NPR2
NCBI Official Synonym Symbols	AMDM; ANPb; ECDM; NPRB; SNSK; ANPRB; GUC2B; NPRBi; GUCY2B
NCBI Protein Information	atrial natriuretic peptide receptor 2
UniProt Protein Name	Atrial natriuretic peptide receptor 2
UniProt Gene Name	NPR2
UniProt Synonym Gene Names	ANPRB; ANP-B; ANPR-B; NPR-B; GC-B

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.

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Online datasheet: <https://stage.aaabiotech.com/bovine-ovine-elisa-kits/atrial-natriuretic-peptide-receptor-2-npr2/43467>