

Canine Rho Guanine Nucleotide Exchange Factor 16 ELISA Kit | ARHGEF16 elisa kit

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CATALOG #
AAA122879

REACTIVITY
Canine

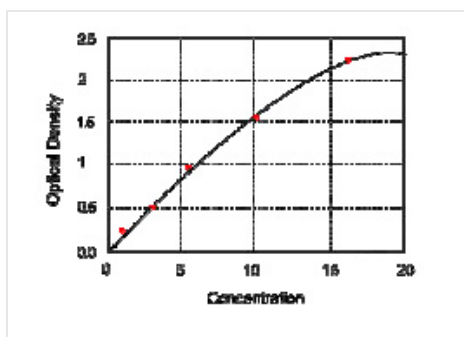
PRODUCT SYNONYMS

Rho Guanine Nucleotide Exchange Factor 16; Canine Rho Guanine Nucleotide Exchange Factor 16 ELISA Kit; ARHGEF16 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Sequence Length	709
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	2ng/L-600ng/L
Sensitivity	1.79ng/L
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 ARHGEF16 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Canine Prostaglandin FM (also known as PGFM) 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 Canine PGFM antibody. PGFM present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Canine PGFM Antibody is added and binds to PGFM in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated PGFM 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 Canine PGFM. 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 #	163792208
NCBI GeneID	27237
NCBI Accession #	NP_055263.2
NCBI GenBank Nucleotide #	NM_014448.4
UniProt Accession #	Q5VV41
NCBI Official Full Name	rho guanine nucleotide exchange factor 16
NCBI Official Synonym Full Names	Rho guanine nucleotide exchange factor 16
NCBI Official Symbol	ARHGEF16
NCBI Official Synonym Symbols	NBR; GEF16
NCBI Protein Information	rho guanine nucleotide exchange factor 16
UniProt Protein Name	Rho guanine nucleotide exchange factor 16
UniProt Gene Name	ARHGEF16
UniProt Synonym Gene Names	EPHEXIN4; NBR
UniProt Entry Name	ARHGG_HUMAN

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.