

Sheep RHOA ELISA Kit | RHOA elisa kit

Sheep RHOA (Ras Homolog Gene Family, Member A) ELISA Kit

CATALOG #
AAA165638

REACTIVITY
Sheep

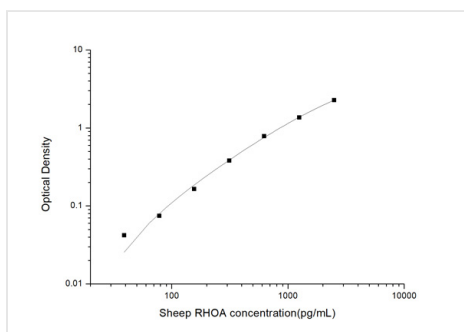
PRODUCT SYNONYMS

RHOA; Sheep RHOA (Ras Homolog Gene Family; Member A) ELISA Kit; RHOA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Specificity	This kit recognizes Sheep RHOA in samples. No significant cross-reactivity or interference between Sheep RHOA and analogues was observed.
Sequence Length	192
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	39.063-2500pg/mL
Sensitivity	23.438pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Sheep RHOA were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Sheep RHOA were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RHOA elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Sheep RHOA concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Sheep RHOA. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Sheep RHOA and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Sheep RHOA, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Sheep RHOA. You can calculate the concentration of Sheep RHOA in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	45552653
NCBI GeneID	36775
NCBI Accession #	NP_995851.1
NCBI GenBank Nucleotide #	NM_206129.1
Molecular Weight	21,723 Da
NCBI Official Symbol	Rho1
NCBI Official Synonym Symbols	19549712; 8416; AAF01186; CG8416; D-Rho1; Dm Rho1; DmelCG8416; DmRHO-A; dnRho; DRho; dRho1; Drho1; DRho1; dRhoA; DrhoA; DRhoA; E3.10/J3.8; I(2)52Fa; I(2)k02107b; n(2)k07236; P48148; rho; Rho; RHO; Rho A; Rho GTPase; Rho kinase; rho1; RHO1; rhoA; RhoA; Rho
NCBI Protein Information	CG8416 gene product from transcript CG8416-RB
UniProt Protein Name	Ras-like GTP-binding protein Rho1
UniProt Gene Name	Rho1
UniProt Entry Name	RHO1_DROME

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.