

Mouse Anterior Gradient Protein 2 (AGR2) ELISA Kit | Agr2 elisa kit

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CATALOG #
AAA219787

REACTIVITY
Mouse

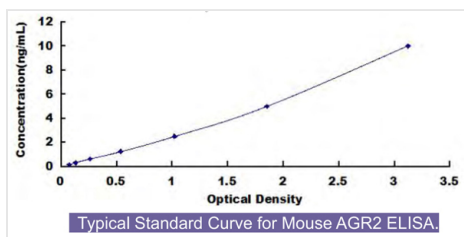
PRODUCT SYNONYMS

Anterior Gradient Protein 2 (AGR2); Mouse Anterior Gradient Protein 2 (AGR2) ELISA Kit; GOB4; HAG2; XAG2; AG2; PDIA17; HPC8; Protein Disulfide Isomerase Family A; Member 17; Secreted cement gland protein XAG-2 homolog; Agr2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of AGR2. No significant cross-reactivity or interference between AGR2 and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Mouse serum, plasma, tissue homogenates, cell lysates, cell culture supernates or other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.059ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level AGR2 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level AGR2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Shelf Life: 12 months

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Agr2 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to AGR2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to AGR2. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain AGR2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of AGR2 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of AGR2 in mouse serum, plasma, tissue homogenates, cell lysates, cell culture supernates or other biological fluids.
Product Categories/Family for Agr2 elisa kit	Traditional ELISA Kit

NCBI AND UNIPROT INFORMATION

NCBI GI #	78099317
NCBI GeneID	23795
UniProt Accession #	O88312; A2CGA2
Molecular Weight	19,920 Da
NCBI Official Full Name	Anterior gradient protein 2 homolog
NCBI Official Synonym Full Names	anterior gradient 2
NCBI Official Symbol	Agr2
NCBI Official Synonym Symbols	Agr2h; Gob-4; HAG-2; XAG-2; mAG-2
NCBI Protein Information	anterior gradient protein 2 homolog
UniProt Protein Name	Anterior gradient protein 2 homolog
UniProt Gene Name	Agr2
UniProt Synonym Gene Names	Gob4; AG-2; mAG-2

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/mouse-elisa-kits/anterior-gradient-protein-2-agr2/219787>