

Human AGR2 ELISA Kit | AGR2 elisa kit

Human AGR2 (Anterior Gradient Protein 2) ELISA Kit

CATALOG #
AAA21395

REACTIVITY
Human

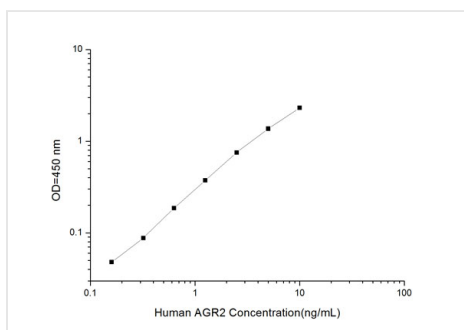
PRODUCT SYNONYMS

AGR2; Human AGR2 (Anterior Gradient Protein 2) ELISA Kit; AGR2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human AGR2 in samples. No significant cross-reactivity or interference between Human AGR2 and analogues was observed.
Sequence Length	175
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	0.16-10ng/mL
Sensitivity	0.1ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human AGR2 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 Human AGR2 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 AGR2 elisa kit	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 Human AGR2. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human AGR2 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 Human AGR2, 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 Human AGR2. You can calculate the concentration of Human AGR2 in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human AGR2 concentrations in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5453541
NCBI GeneID	10551
NCBI Accession #	NP_006399.1
NCBI GenBank Nucleotide #	NM_006408.3
UniProt Accession #	O95994
Molecular Weight	19,979 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	AG2; GOB-4; HAG-2; XAG-2; PDIA17; HEL-S-116
NCBI Protein Information	anterior gradient protein 2 homolog; AG-2; HPC8; anterior gradient homolog 2; epididymis secretory protein Li 116; protein disulfide isomerase family A, member 17; secreted cement gland homolog; secreted cement gland protein XAG-2 homolog
UniProt Protein Name	Anterior gradient protein 2 homolog
UniProt Gene Name	AGR2
UniProt Synonym Gene Names	AG2; AG-2; hAG-2
UniProt Entry Name	AGR2_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.