

Human Anterior Gradient Protein 2 ELISA Kit | AGR2 elisa kit

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CATALOG #
AAA100797

REACTIVITY
Human

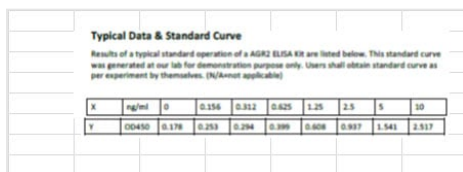
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
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.
Sequence Length	185
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/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<8%
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<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AGR2 elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-AGR2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti- AGR2 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRPStreptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the AGR2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of AGR2 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	148232038
NCBI GeneID	397989
NCBI Accession #	NP_001081669.1
NCBI GenBank Nucleotide #	NM_001088200.1
Molecular Weight	20,499 Da
NCBI Official Full Name	anterior gradient protein 2
NCBI Official Synonym Full Names	anterior gradient 1
NCBI Official Symbol	ag1-b
NCBI Official Synonym Symbols	ag; XAG; ag2; ag3; agr3; xag1; xag2; XAG-2; xag-1; bcmp11; pdia18
NCBI Protein Information	anterior gradient protein 2
UniProt Protein Name	Anterior gradient protein 2
UniProt Gene Name	ag2
UniProt Synonym Gene Names	np77; XAG-2
UniProt Entry Name	AG2_XENLA

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/agr2-human-elisa-kits/anterior-gradient-protein-2/100797>