Human anterior gradient homolog 3 (Xenopus laevis) ELISA Kit | AGR3 elisa kit

Human Anterior gradient protein 3 homolog, AGR3 ELISA Kit

CATALOG #	REACTIVITY
AAA112267	**Human**

PRODUCT SYNONYMS

anterior gradient homolog 3 (Xenopus laevis); Human Anterior gradient protein 3 homolog; AGR3 ELISA Kit; Human Anterior gradient protein 3 homolog (AGR3) ELISA kit; AG3; BCMP11; HAG3; PDIA18; hAG-3; anterior gradient protein 3; breast cancer membrane protein 11; protein disulfide isomerase family A; member 18; AGR3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human AGR3. No significant cross-reactivity or interference between Human AGR3 and analogues was observed.
Sequence Length	166
Samples	Serum, plasma, tissue homogenates, Cell lysates
Assay Type	Sandwich
Detection Range	0.156 ng/ml-10 ng/ml
Sensitivity	0.039 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AGR3 elisa kit	**Principle of the Assay:** This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for AGR3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any AGR3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for AGR3 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of AGR3 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	28827801
NCBI GeneID	155465
NCBI Accession #	NP_789783.1
NCBI GenBank Nucleotide #	NM_176813.3
UniProt Accession #	Q8TD06; A4D120
Molecular Weight	19,171 Da
NCBI Official Full Name	anterior gradient protein 3 homolog
NCBI Official Synonym Full Names	anterior gradient 3
NCBI Official Symbol	AGR3
NCBI Official Synonym Symbols	AG3; HAG3; hAG-3; BCMP11; PDIA18
NCBI Protein Information	anterior gradient protein 3 homolog; AG-3; anterior gradient 3 homolog; anterior gradient homolog 3; breast cancer membrane protein 11; protein disulfide isomerase family A, member 18
UniProt Protein Name	Anterior gradient protein 3 homolog
UniProt Gene Name	**AGR3**
UniProt Synonym Gene Names	BCMP11; UNQ642/PRO1272; AG-3; AG3; hAG-3
UniProt Entry Name	AGR3_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.

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Online datasheet: https://stage.aaabiotech.com/agr3-human-elisa-kits/anterior-gradient-homolog-3-xenopus-laevis/112267