

Human anterior gradient homolog 2 (Xenopus laevis) ELISA Kit | AGR2 elisa kit

Human Anterior gradient protein 2 homolog, AGR2 ELISA Kit

CATALOG #
AAA112252

REACTIVITY
Human

PRODUCT SYNONYMS

anterior gradient homolog 2 (Xenopus laevis); Human Anterior gradient protein 2 homolog; AGR2 ELISA Kit; Human Anterior gradient protein 2 homolog (AGR2) ELISA kit; AG2; GOB-4; HAG-2; PDIA17; XAG-2; anterior gradient 2 homolog; protein disulfide isomerase family A; member 17; secreted cement gland homolog; AGR2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human AGR2. No significant cross-reactivity or interference between Human AGR2 and analogues was observed.
Sequence Length	175
Samples	Serum, plasma, tissue homogenates
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 AGR2 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for AGR2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any AGR2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for AGR2 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 AGR2 bound in the initial step. The color development is stopped and the intensity of the color is measured.

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; secreted cement gland homolog; epididymis secretory protein Li 116; secreted cement gland protein XAG-2 homolog; protein disulfide isomerase family A, member 17
UniProt Protein Name	Anterior gradient protein 2 homolog
UniProt Gene Name	AGR2
UniProt Synonym Gene Names	AG2; UNQ515/PRO1030; 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/agr2-human-elisa-kits/anterior-gradient-homolog-2-xenopus-laevis/112252>