

Monkey Anterior Gradient Homolog 2 ELISA Kit | AGR2 elisa kit

Monkey Anterior Gradient Homolog 2 ELISA Kit

CATALOG # AAA88141	REACTIVITY Monkey
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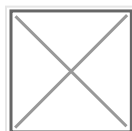
PRODUCT SYNONYMS

Anterior Gradient Homolog 2; Monkey Anterior Gradient Homolog 2 ELISA Kit; AGR2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This AGR2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey AGR2. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AGR2 elisa kit	Principle of the assay: AGR2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-AGR2 antibody and an AGR2-HRP conjugate. The assay sample and buffer are incubated together with AGR2-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the AGR2 concentration since AGR2 from samples and AGR2-HRP conjugate compete for the anti-AGR2 antibody binding site. Since the number of sites is limited, as more sites are occupied by AGR2 from the sample, fewer sites are left to bind AGR2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The AGR2 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for AGR2 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453541
NCBI GeneID	10551

NCBI Accession #	NP_006399.1
NCBI GenBank Nucleotide #	NM_006408.3
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.

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Online datasheet: <https://stage.aaabiotech.com/agr2-monkey-elisa-kits/anterior-gradient-homolog-2/88141>