

Mouse Advanced Glycosylation End Product Specific Receptor ELISA Kit | AGER elisa kit

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CATALOG #
AAA101843

REACTIVITY
Mouse

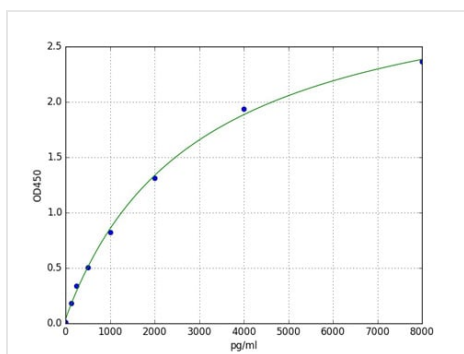
PRODUCT SYNONYMS

Advanced Glycosylation End Product Specific Receptor; Mouse Advanced Glycosylation End Product Specific Receptor ELISA Kit; RAGE/AGER/MOK protein kinase/MOKMAPK/MAK/MRK overlapping kinase/RAGE-1/renal tumor antigen/Renal tumor antigen 1; AGER elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	402
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	125-8000pg/ml
Sensitivity	75pg/ml
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)

Typical Data & Standard Curve

Results of a typical standard run of a RAGE ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	125	250	500	1000	2000	4000	8000
Y	OD450	0.015	0.186	0.323	0.481	0.841	1.261	1.865	2.292

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AGER elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-RAGE antibody was pre-coated onto 96-well plates. And the biotin conjugated anti- RAGE antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin 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 RAGE amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of RAGE can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	259089426
NCBI GeneID	81722
NCBI Accession #	NP_445788.2
NCBI GenBank Nucleotide #	NM_053336.2
Molecular Weight	42,664 Da
NCBI Official Full Name	advanced glycosylation end product-specific receptor
NCBI Official Synonym Full Names	advanced glycosylation end product-specific receptor
NCBI Official Symbol	Ager
NCBI Official Synonym Symbols	RAGE
NCBI Protein Information	advanced glycosylation end product-specific receptor
UniProt Protein Name	Advanced glycosylation end product-specific receptor
UniProt Gene Name	Ager
UniProt Synonym Gene Names	Rage
UniProt Entry Name	RAGE_RAT

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://www.aaabiotech.com/ager-mouse-elisa-kits/advanced-glycosylation-end-product-specific-receptor/101843>