

Human advanced glycosylation end product-specific receptor ELISA Kit | AGER elisa kit

Human Receptor for advanced glyCation end products, RAGE/AGER ELISA Kit

CATALOG #
AAA15181

REACTIVITY
Human

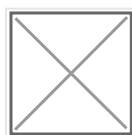
PRODUCT SYNONYMS

advanced glycosylation end product-specific receptor; Human Receptor for advanced glyCation end products; RAGE/AGER ELISA Kit; Human Receptor for advanced glycation end products; DAMA-358M23.4; MGC22357; RAGE; receptor for advanced glycosylation end-products; AGER elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human AGER. No significant cross-reactivity or interference between human AGER and analogues was observed.
Sequence Length	404
Samples	Serum, plasma, tissue homogenates
Detection Range	78 pg/ml -5000 pg/mL
Sensitivity	<19.5 pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
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 AGER elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #

[10835203](#)

NCBI GeneID	177
NCBI Accession #	NP_001127.1
NCBI GenBank Nucleotide #	NM_001136.4
UniProt Accession #	Q15109; Q15279; Q3L1R4; Q3L1R5; Q3L1R6; Q3L1R7; Q3L1R8; Q3L1S0; A2BF17; A6NKF0; A7Y2U9; B0V176
Molecular Weight	42,803 Da
NCBI Official Full Name	advanced glycosylation end product-specific receptor isoform 1
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; RAGE isoform sRAGE-delta; RAGE isoform NtRAGE-delta; receptor for advanced glycation end-products variant 20
UniProt Protein Name	Advanced glycosylation end product-specific receptor
UniProt Gene Name	AGER
UniProt Synonym Gene Names	RAGE
UniProt Entry Name	RAGE_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/ager-human-elisa-kits/advanced-glycosylation-end-product-specific-receptor/15181>