

Human RAGE ELISA Kit | RAGE elisa kit

Human RAGE PicoKine Quick ELISA Kit

CATALOG # AAA128075	REACTIVITY Human	APPLICATIONS ELISA
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PRODUCT SYNONYMS

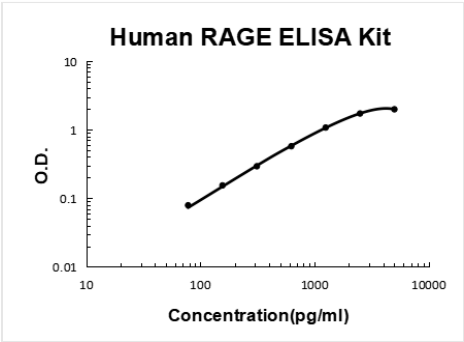
RAGE; Human RAGE PicoKine Quick ELISA Kit; Advanced glycosylation end product-specific receptor; advanced glycosylation end product-specific receptor; cDNA FLJ56412; highly similar to Advanced glycosylation end product-specific receptor; RAGE elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	cell culture supernatants, cell lysates, serum and plasma (heparin, EDTA)
Assay Range	78pg/ml-5,000pg/ml
Sensitivity	<10pg/ml
Capture antibody and Detection antibody	monoclonal antibody from mouse polyclonal antibody from goat
Immunogen	Expression system for standard: NS0; Immunogen sequence: Q24-A344
Anticoagulant	heparin or EDTA
Cross Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Applicable Applications for RAGE elisa kit	ELISA
Kit Components	Description/Quantity Pre-coated 96-well strip microplate/1 Standard/2 vials, 10 ng/tube Biotinylated antibody (100x)/100ul Avidin-Biotin-Peroxidase Complex (100x)/100ul Sample Diluent/30ml Antibody Diluent/12ml Avidin-Biotin-Peroxidase Diluent/12ml Color Developing Reagent (TMB)/10ml Stop Solution/10ml Wash Buffer (25x)/20ml Adhesive plate sealers/4
Materials Required But Not Provided	Microplate Reader capable of reading absorbance at 450nm. Incubator. Automated plate washer (optional). Pipettes and pipette tips capable of precisely dispensing 0.5ul through 1ml volumes of aqueous solutions. Multichannel pipettes are recommended for large amount of samples. Deionized or distilled water. 500ml graduated cylinders. Test tubes for dilution.
Sample Data	Concentration (pg/ml)078156312625125025005000O.D.0.0370.1160.1910.3300.6111.1121.7612.023
Intra Assay Consistency & Inter Assay Consistency	Intra-Assay PrecisionInter-Assay PrecisionSample123123n161616242424Mean (pg/ml)15462330761595953344Standard deviation10.1627.41221.4710.6532.72250.8CV (%)6.6%4.4%7.2%6.7%5.5%7.5%

Reproducibility	LotsLot 1 (pg/ml)Lot 2 (pg/ml)Lot 3 (pg/ml)Lot 4 (pg/ml)Mean (pg/ml)Standard DeviationCV (%)Sample 11541531411521505.243.4%Sample 262357062759660422.963.8%Sample 33076303530933144308739.081.2%*number of samples for each test n=16.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Ships with gel ice, can store for up to 3 days in room temperature. Freeze upon receiving.)

IMAGES



Standard Curve (Sample)
Human Rage PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for RAGE elisa kit	The brand Picokine indicates this is a premium quality ELISA kit. Each Picokine kit delivers precise quantification, high sensitivity, and excellent reproducibility. Only our most reliable and effective kits qualify as Picokine, guaranteeing top-tier results for your assays.
Product Categories/Family for RAGE elisa kit	Quick ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GeneID	177
UniProt Accession #	B4DNX3
Molecular Weight	Calculated Molecular Weight: 45980
UniProt Protein Name	cDNA FLJ56412, highly similar to Advanced glycosylation end product-specific receptor
UniProt Entry Name	B4DNX3_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.