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Datasheet for ABIN6719681 RAGE ELISA Kit

Image



Overview

Quantity:	1 kit
Target:	RAGE (AGER)
Reactivity:	Rat
Method Type:	Sandwich ELISA
Detection Range:	78 pg/mL - 5000 pg/mL
Minimum Detection Limit:	78 pg/mL
Application:	ELISA

## Product Details

Purpose:	Sandwich ELISA for Quantitative Detection of Antigen
Sample Type:	Cell Culture Supernatant, Plasma (EDTA - heparin), Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Characteristics:	Synonyms: Advanced glycosylation end product specific receptor, Advanced glycosylation end product-specific receptor, Ager, DAMA 358M23.4, LE 9211 A antigen, MAPK MAK MRK overlapping kinase, MGC22357, MOK, OTTHUMP00000174885, RAGE 1, RAGE isoform NtRAGE-delta, RAGE isoform sRAGE-delta, RAGE_HUMAN, RAGE1, Receptor for advanced glycation end products, receptor for advanced glycation end-products variant 20, Receptor for advanced glycosylation end products, Renal tumor antigen, Renal tumor antigen 1 Background: RAGE, the Receptor for Advanced Glycation Endproducts, is a 35kD

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN6719681 | 09/10/2023 | Copyright antibodies-online. All rights reserved. transmembrane receptor of the immunoglobulin super family. It is also known as ""AGER"". AGER gene is mapped to chromosome 6p21.3 by mapping by contiguous cosmids and YAC clones and by fluorescence in situ hybridization. The expression of RAGE is particularly increased in neurons close to deposits of amyloid beta peptide and to neurofibrillary tangles. RAGE has been linked to several chronic diseases, which are thought to result from vascular damage. The pathogenesis is hypothesized to include ligand binding upon which RAGE signals activation of the nuclear factor kappa B(NF-kappaB). Gene Name: AGER Production: Natural and recombinant rat RAGE. There is no detectable cross-reactivity with other relevant proteins. Standard: Expression system for standard: NSO, Immunogen sequence: Q24-A342

## Target Details

Target:	RAGE (AGER)
Alternative Name:	RAGE (AGER Products)
Gene ID:	81722
NCBI Accession:	NP_445788
UniProt:	Q63495
Pathways:	Carbohydrate Homeostasis, Toll-Like Receptors Cascades, Smooth Muscle Cell Migration, S100
	Proteins

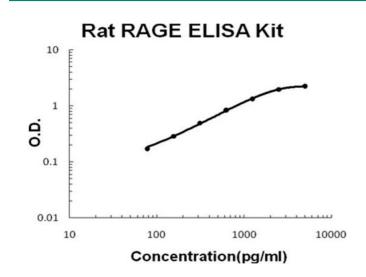
### **Application Details**

Application Notes:	Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot
	0.1 mL per well of the 5000pg/mL, 2500pg/mL, 1250pg/mL, 625pg/mL, 312pg/mL, 156pg/mL,
	78pg/mL rat RAGE standard solutions into the precoated 96-well plate. Add 0.1 mL of the
	sample diluent buffer into the control well (Zero well). Add 0.1 mL of each properly diluted
	sample of rat cell culture supernatants, serum or plasma(heparin, EDTA) to each empty well.
	We recommend that each rat RAGE standard solution and each sample is measured in
	duplicate.
	Blood Product Anticoagulant: Heparin Sodium
	ELISA Dilution: 78pg/mL-5000pg/mL
Sample Volume:	100 µL

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Application Details	
Plate:	Pre-coated
Restrictions:	For Research Use only
Handling	
Storage:	RT,4 °C,-20 °C

#### Images



ELICA	
ELISA	ŧ.

Image 1.RatRAGEAccusignalELISAKitRatRAGEAccuSignalELISAKitstandardcurve.AssayRange: 78pg/ml-5000pg/ml.Sensitivity: <10pg/ml.</td>

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