

# Human Rage ELISA Kit

Catalog No: #EK5367

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	Human Rage ELISA Kit
Specificity	Human
Crossing Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Immunogen Type	NSO,Q24-A344
Other Names	cDNA FLJ56412, highly similar to Advanced glycosylation end product-specific receptor;
Accession No.	B4DNX3
Uniprot	B4DNX3

## Application Details

sensitivity:10pg mlDetect Range:78pg ml-5000pg ml  
sample\_type:cell culture supernates cell lysates tissue homogenates serum and plasma (heparin EDTA).  
capture\_antibody:monoclonal antibody from mouse  
detection\_antibody:polyclonal antibody from goat  
gene\_name:AGER  
protein\_name:Advanced glycosylation end product-specific receptorgene\_full\_name:advanced glycosylation end product-specific receptortissue\_specificity:sequence\_similarities:tmb\_incubation:20-25minresearch\_category:neuroscience|neurology process|neurodegenerative disease|alzheimer"s disease|amyloid|sensory system|visual system|cardiovascular|atherosclerosis|diabetes associated|vascular inflammation|inflammatory mediators

## Product Description

Sandwich High Sensitivity ELISA kit for Quantitative Detection of Human Rage

## Background

protein\_function:RAGE, the Receptor for Advanced Glycation Endproducts, is a 35kD 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 cosmid 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).

Note: This product is for in vitro research use only