

Human Amphiregulin ELISA Kit | AREG elisa kit

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CATALOG #
AAA123006

REACTIVITY
Human

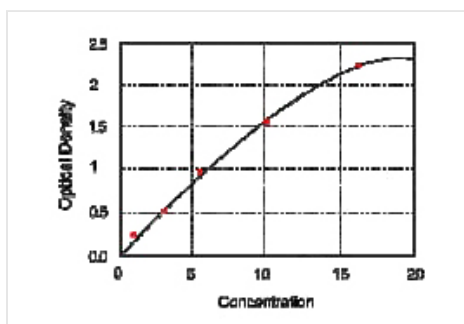
PRODUCT SYNONYMS

Amphiregulin; Human Amphiregulin ELISA Kit; AREG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	252
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	15ng/L-3000ng/L
Sensitivity	7.83ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AREG elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of human Amiloride Sensitive Sodium Channel Subunit Beta (also known as SCNN1B) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human SCNN1B antibody. SCNN1B present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human SCNN1B Antibody is added and binds to SCNN1B in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated SCNN1B antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human SCNN1B. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502199
NCBI GeneID	374
NCBI Accession #	NP_001648.1
NCBI GenBank Nucleotide #	NM_001657.4
UniProt Accession #	P15514
NCBI Official Full Name	amphiregulin preproprotein
NCBI Official Synonym Full Names	amphiregulin
NCBI Official Symbol	AREG
NCBI Official Synonym Symbols	AR; SDGF; AREGB; CRDGF
NCBI Protein Information	amphiregulin
UniProt Protein Name	Amphiregulin
UniProt Gene Name	AREG
UniProt Synonym Gene Names	SDGF; AR; CRDGF
UniProt Entry Name	AREG_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/amphiregulin/123006>