

Human amphiregulin ELISA Kit | AREG elisa kit

Human keratinocyte autocrine factor/Amphiregulin, KAF/AR ELISA Kit

CATALOG #
AAA80701

REACTIVITY
Human

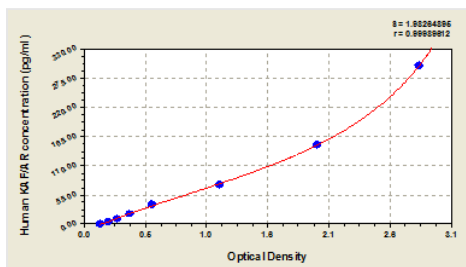
PRODUCT SYNONYMS

amphiregulin; Human keratinocyte autocrine factor/Amphiregulin; KAF/AR ELISA Kit; AR; CRDGF; MGC13647; SDGF; colorectum cell-derived growth factor; schwannoma-derived growth factor; AREG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human KAF/AR. No significant cross-reactivity or interference between human KAF/AR and analogues was observed.
Sequence Length	252
Samples	Serum, plasma
Assay Type	Quantitative Sandwich
Detection Range	4.69 pg/ml-300 pg/ml
Sensitivity	<1.17 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 AREG elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for KAF/AR has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any KAF/AR present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for KAF/AR 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 KAF/AR bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502199
NCBI GeneID	374
NCBI Accession #	NP_001648.1
NCBI GenBank Nucleotide #	NM_001657.3
UniProt Accession #	P15514; Q5U026
Molecular Weight	27,895 Da
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; amphiregulin B; schwannoma-derived growth factor; colorectum cell-derived growth factor
UniProt Protein Name	Amphiregulin
UniProt Gene Name	AREG
UniProt Synonym Gene Names	SDGF AREGB ; 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://stage.aaabiotech.com/areg-human-elisa-kits/amphiregulin/80701>