

Chicken Amphiregulin ELISA Kit | AREG elisa kit

Chicken Amphiregulin ELISA Kit

CATALOG #
AAA91244

REACTIVITY
Chicken

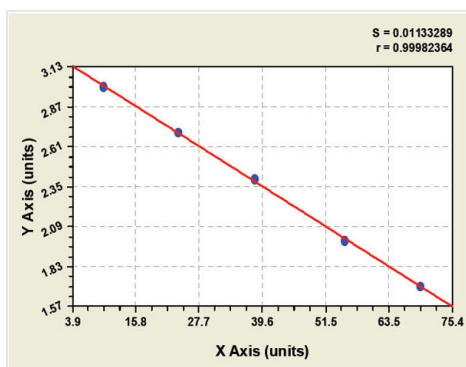
PRODUCT SYNONYMS

Amphiregulin; Chicken Amphiregulin ELISA Kit; AREG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Intended Uses	This AREG ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken AREG. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AREG elisa kit

Principle of the Assay: AREG ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-AREG antibody and an AREG-HRP conjugate. The assay sample and buffer are incubated together with AREG-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the AREG concentration since AREG from samples and AREG-HRP conjugate compete for the anti-AREG antibody binding site. Since the number of sites is limited, as more sites are occupied by AREG from the sample, fewer sites are left to bind AREG-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The AREG concentration in each sample is interpolated from this standard curve.

Product Categories/Family for AREG elisa kit

Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	179040
NCBI GeneID	374
Molecular Weight	27,895 Da
NCBI Official Full Name	amphiregulin
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-chicken-elisa-kits/amphiregulin/91244>