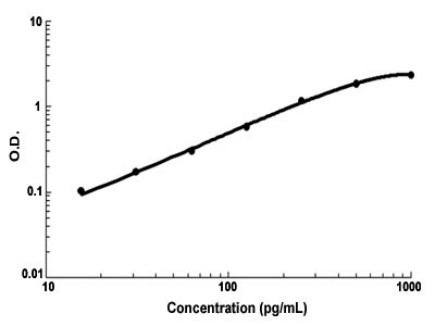
AREG (Human) ELISA Kit

Catalog # KA4388 Size 1 Kit

Applications



The standard curve is for the purpose of demonstration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Specification

Product Description	AREG (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human AREG.
Suitable Sample	Cell culture supernates, Human milk, Plasma (heparin, EDTA), Saliva, Serum
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	15.6 to 1000 pg/mL
Reactivity	Human
Regulation Status	For research use only (RUO)
Quality Control Testing	Standard curve The standard curve is for the purpose of demonstration only and should not be used to calculate unkn owns. A standard curve should be generated each time the assay is performed.
Storage Instruction	Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles.

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Applications

- Quantification

Gene Info — AREG

Entrez GeneID	374
Gene Name	AREG
Gene Alias	AR, CRDGF, MGC13647, SDGF
Gene Description	amphiregulin
Omim ID	104640
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the epidermal growth factor family. It is an autocrine growth factor as well as a mitogen for astrocytes, Schwann cells, and fibroblasts. It is related to epidermal growth factor (EGF) and transforming growth factor alpha (TGF-alpha). This protein interacts with the EGF/TGF-alpha receptor to promote the growth of normal epithelial cells and inhibits the growth of certain aggressive carcinoma cell lines. This encoded protein is associated with a psoriasis-like skin phenotype. [provided by RefSeq
Other Designations	OTTHUMP00000160473|colorectum cell-derived growth factor|schwannoma-derived growth factor

Pathway

- ErbB signaling pathway

Disease

- Genetic Predisposition to Disease
- Ovarian Neoplasms

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