

# Product Datasheet

## Human Amphiregulin ELISA Kit (Colorimetric) KA1695

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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**KA1695****Human Amphiregulin ELISA Kit (Colorimetric)**

<b>Product Information</b>	
<b>Unit Size</b>	1 Kit
<b>Concentration</b>	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
<b>Storage</b>	Storage of components varies. See protocol for specific instructions.
<b>Product Description</b>	
<b>Gene ID</b>	374
<b>Gene Symbol</b>	AREG
<b>Species</b>	Human
<b>Reactivity Notes</b>	Human
<b>Kit Components</b>	AR Microplate (Item A): coated with anti-human AR., Wash Buffer Concentrate (20x) (Item B): 20x concentrated solution., Standards (Item C) Recombinant human AR., Assay Diluent A (Item D): diluent buffer, 0.09% sodium azide as preservative. For Standard/Sample (serum/plasma) diluent., Assay Diluent B (Item E): 5x concentrated buffer. For Standard/Sample (cell culture medium/urine) diluent., Detection Antibody AR (Item F): biotinylated anti-human AR (each vial is enough to assay half microplate), TMB One-Step Substrate Reagent (Item H): 3, 3', 5, 5'- tetramethylbenzidine (TMB) in buffered solution., Stop Solution (Item I): 0.2 M sulfuric acid.
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Sensitivity</b>	10 pg/mL
<b>Inter Assay</b>	CV% < 12%
<b>Intra Assay</b>	CV% < 10%
<b>Assay Type</b>	Competitive ELISA
<b>Suitable Sample Type</b>	Cell Culture Supernatant, Plasma, Serum, Urine
<b>Sample Volume</b>	100 uL
<b>Product Application Details</b>	
<b>Applications</b>	ELISA
<b>Recommended Dilutions</b>	ELISA
<b>Application Notes</b>	AREG (Human) ELISA Kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of human AREG. Use in ELISA reported in scientific literature (PMID 24860833)

**Publications**

Han SX, Bai E, Jin GH et al. Expression and Clinical Significance of YAP, TAZ, and AREG in Hepatocellular Carcinoma. Journal of Immunology Research Volume 2014. 2014-01-01 [PMID: 24860833]





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. ELISA Kits are guaranteed for 6 months from date of receipt.

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