

Product Datasheet

Human Kininogen 1 ELISA Kit (Colorimetric) KA1040

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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KA1040**Human Kininogen 1 ELISA Kit (Colorimetric)****Product Information**

Unit Size	1 Kit
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Storage of components varies. See protocol for specific instructions.

Product Description

Description	This is a competitive enzyme immunoassay for the quantitative measurement of human Kininogen 1 in plasma and serum.
Gene ID	3827
Gene Symbol	KNG1
Species	Human
Kit Components	MIX Diluent Concentrate (10x): A 10-fold concentrated buffered protein base., Wash Buffer Concentrate (20x): A 20-fold concentrated buffered surfactant., SP Conjugate (100x): A 100-fold concentrate., Human Kininogen 1 Microplate: A 96-wells polystyrene microplate coated with a polyclonal antibody against human Kininogen 1., Sealing Tapes: Pressure-sensitive sealing tapes that can be cut to fit the format of the individual assay., Human Kininogen 1 Standard: Human Kininogen 1 in a buffered protein base, lyophilized., Chromogen Substrate (1x): A stabilized peroxidase chromogen substrate tetramethylbenzidine., Stop Solution (1x): A 0.5 N hydrochloric acid solution to stop the chromogen substrate reaction.
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Standard Curve Range	0.063 to 4 ug/mL
Sensitivity	50 ng/mL
Inter Assay	CV% < 7.30%
Intra Assay	CV% < 4.80%
Assay Type	Competitive ELISA
Spiking Recovery	94%
Suitable Sample Type	Plasma, Serum
Sample Volume	25 uL

Product Application Details

Applications	ELISA, Quantification
Recommended Dilutions	ELISA, Quantification
Application Notes	Useful for quantification.

Publications

Wang C, Liu C, Wei L et al. A Group of Novel Serum Diagnostic Biomarkers for Multidrug-Resistant Tuberculosis by iTRAQ-2D LC-MS/MS and Solexa Sequencing. <i>Int. J. Biol. Sci</i> 2016-01-01 [PMID: 26884721]
Coffman LG, Parsonage D, D'Agostino R Jr et al. Regulatory effects of ferritin on angiogenesis. <i>Proc Natl Acad Sci U S A</i> . 2009-01-13 [PMID: 19126685]
Hassan S, Sainz IM, Khan MM et al. Antithrombotic activity of kininogen is mediated by inhibitory effects of domain 3 during arterial injury in vivo. <i>Am J Physiol Heart Circ Physiol</i> . 2007-06-01 [PMID: 17293494]



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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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