

# Product Datasheet

## Human, Monkey Complement C5 ELISA Kit (Colorimetric) KA2114

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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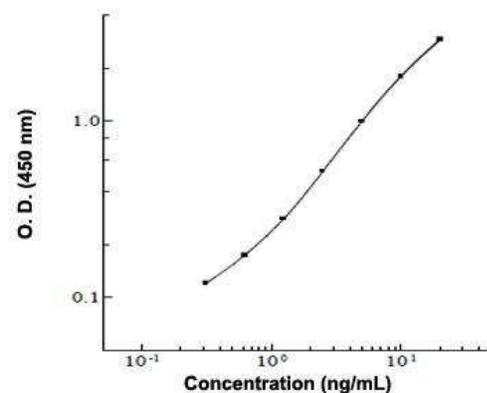


**KA2114****Human, Monkey Complement C5 ELISA Kit (Colorimetric)**

<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>Description</b>	C5 (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human C5.
<b>Gene ID</b>	727
<b>Gene Symbol</b>	C5
<b>Species</b>	Human, Monkey
<b>Kit Components</b>	Human Complement C5 Microplate: A 96-well polystyrene microplate (12 strips of 8 wells) coated with a polyclonal antibody against human C5., Sealing Tapes: Pre-cut, pressure-sensitive sealing tapes that can be cut to fit the format of the individual assay., Human Complement C5 Standard: Human C5 in a buffered protein base, lyophilized., Biotinylated Human Complement C5 Antibody (50x): A 50-fold concentrated biotinylated polyclonal antibody against human C5., 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., 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.
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Standard Curve Range</b>	0.156 to 10 ng/mL
<b>Sensitivity</b>	53 pg/mL
<b>Inter Assay</b>	CV% < 9.9%
<b>Intra Assay</b>	CV% < 31.0%
<b>Assay Type</b>	Sandwich ELISA
<b>Spiking Recovery</b>	98.5%
<b>Suitable Sample Type</b>	Cell Culture Samples, CSF, Milk, Plasma, Saliva and Serum
<b>Sample Volume</b>	50 uL
<b>Product Application Details</b>	
<b>Applications</b>	ELISA, Quantification
<b>Recommended Dilutions</b>	ELISA, Quantification

## Images

ELISA: Complement C5 ELISA Kit [Biotin] [KA2114] - The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.



## Publications

Yoshikazu K, Yuta S, Sotaro M et al. Identification of potent siRNA targeting complement C5 and its robust activity in pre-clinical models of myasthenia gravis and collagen-induced arthritis. *Mol Ther Nucleic Acids*. 2023-01-13 [PMID: 36789273]

Xu GL, Chen J, Yang F et al. C5a/C5aR pathway is essential for the pathogenesis of murine viral fulminant hepatitis via potentiating Fgl2/fibrobleukin expression. *Hepatology*. 2014-05-28 [PMID: 24604562]



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### **Products Related to KA2114**

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H00000727-Q01-10ug	Recombinant Human Complement C5 GST (N-Term) Protein
210-TA-005	TNF-alpha [Unconjugated]
NBP3-32209	Complement C5 Antibody (PSH04-01)
DIP100	CXCL10/IP-10/CRG-2 [HRP]

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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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