

Product Datasheet

Complement Factor H Autoantibody (IgG) ELISA Kit (Colorimetric) KA1477

Unit Size: 1 Kit

Store at 4C in the dark.

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Publications: 11

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KA1477**Complement Factor H Autoantibody (IgG) 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	Store at 4C in the dark.
Product Description	
Description	Anti-CFH IgG (Human) ELISA Kit is a solid phase enzyme immunoassay for the quantitative measurement of IgG class autoantibodies against CFH.
Kit Components	ELISA strips coated with human factor H purified from human plasma., Anti-CFH IgG standard (10,000 AU/mL, Artificial units/mL)., gG-HRP conjugate, 101x concentrated., Wash buffer 10x concentrated., Dilution buffer (DB) r.t.u.*, Chromogenic substrate (TMB substrate) r.t.u. *, Stop solution r.t.u. *
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Standard Curve Range	3.9 to 250 AU/mL
Sensitivity	0.6 AU/mL
Inter Assay	CV% < 12.75%
Intra Assay	CV% < 7%
Assay Type	solid phase enzyme-linked immunosorbent assay
Suitable Sample Type	Plasma, Serum
Sample Volume	100 uL
Product Application Details	
Applications	ELISA, Quantification
Recommended Dilutions	ELISA, Quantification

Publications

Selcuk Y, Ipek G, Nur C et al. Renal Biopsy Prognostic Findings in Children With Atypical Hemolytic Uremic Syndrome. *Pediatr Dev Pathol*. 2020-05-14 [PMID: 32406813]

Nakayama S, Hirashio S, Yorishima H et al. Atypical reduction of plasma ADAMTS13 activity by a non-IgG-type inhibitor in a patient with hemolytic uremic syndrome caused by Shiga toxin-producing *Escherichia coli*. *CEN Case Rep*. 2019-06-08 [PMID: 31177384]

Fujisawa M, Yasumoto A, Kato H et al. The role of anti-complement factor H antibodies in the development of atypical haemolytic uremic syndrome: a possible contribution to abnormality of platelet function. *Br J Haematol*. 2019-12-26 [PMID: 31879952]

Tseng M, Lin S, Wu C et al. Serum complement factor I is associated with disease activity of systemic lupus erythematosus. *Oncotarget*. 2018-02-02 [PMID: 29492211]

Lee JM, Park YS, Lee JH et al. Atypical hemolytic uremic syndrome: a Korean pediatric series. *Pediatr Int*. [PMID: 25443527]

Tseng MH, Tsai JD, Tsai IJ et al. Whole-exome sequencing detects mutations in pediatric patients with atypical hemolytic uremic syndrome in Taiwan. *Clin Chim Acta*. 2019-03-21 [PMID: 30905589]

Fujisawa M, Kato H, Yoshida Y et al. Clinical characteristics and genetic backgrounds of Japanese patients with atypical hemolytic uremic syndrome. *Clin Exp Nephrol* 2018-03-06 [PMID: 29511899]

Fidan K, Goknar N, Gulhan B et al. Extra-Renal manifestations of atypical hemolytic uremic syndrome in children. *Pediatr Nephrol* 2018-04-02 [PMID: 29610995]

Yuksel S, Evrengul H, Ozcakar ZB et al. First-Line, Early and Long-Term Eculizumab Therapy in Atypical Hemolytic Uremic Syndrome: A Case Series in Pediatric Patients. *Paediatr Drugs* 2016-09-19 [PMID: 27646857]

Zhang C, Zhang DF, Wu ZG et al. Complement factor H and susceptibility to major depressive disorder in Han Chinese. *Br J Psychiatry* 2016-03-03 [PMID: 26941266]

Besbas N, Gulhan B, Soylemezoglu O et al. Turkish pediatric atypical hemolytic uremic syndrome registry: initial analysis of 146 patients. *BMC Nephrol* 2017-01-05 [PMID: 28056875]





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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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