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Human Complement C4c ELISA Kit

Catalog No.	CKH122	Quantity:	1 Plate
Description:	Human Complement C4c ELISA kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of human C4c in serum, plasma and cell culture supernatants. This assay employs an antibody specific for human C4c coated on a 96-well plate. Standards and samples are pipetted into the wells and C4c present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-human C4c antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of C4c bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm.		
Sensitivity:	21 ng/ml Human C4c, minimum detectable dose (MDD)		
Range:	21 ng/ml - 5000 ng/ml		
Reproducibility:	Intra-Assay: CV<10%; Inter-Assay: CV<12%		
Cross-Reactivity:	Other species not determined.		
Samples:	Serum, plasma, cell culture supernatants. Recommend 1000-fold dilution of serum & plasma		
Recovery:	Serum mean recovery of 77% (range 68-110%) Plasma mean recovery of 84% (range 68-110%) Cell culture media mean recovery of 91% (range 71-126%)		
Reagents Included:	<ol style="list-style-type: none">1. Microplate 96-wells coated with Capture Antibody2. Wash Buffer Concentrate (20x)3. Assay Diluent B Concentrate (5x)4. Lyophilized Standard5. Biotinylated Detection Antibody6. HRP-Streptavidin Concentrate (100x)7. TMB One-Step Substrate8. Stop Solution		
Storage & Stability:	Entire kit is stable for up to 6 months at 2-8°C or 1 year at 20°C from the date of receipt.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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