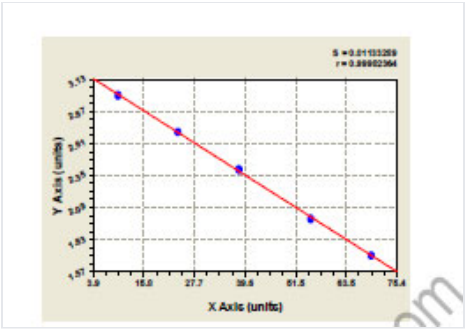
Complement Fragment 3c, C3c (C3C) ELISA Kit for Chicken

PRODUCT OVERVIEW

Product Name	Complement fragment 3c, C3c, ELISA Kit
Full Product Name	Chicken Complement fragment 3c, C3c ELISA Kit
Product Gene Name	C3c elisa kit
Species Reactivity	Chicken
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.
Sample Preparation	We suggest pre-experimenting with neat (undiluted) samples, 1:2 or 1:4 dilutions. Please avoid diluting your samples more than 1:10 as it would exceed the dilution limit set for this kit. If the expected concentration of the target is beyond the detection range of the kit, please contact our technical support team
ISO Certification	Manufactured in an ISO 13485:2016 Certified Laboratory.
Related Product Information for C3c elisa kit	Intended Uses: This C3c ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken C3c. This ELISA kit for research use only! Principle of the Assay: C3c ELISA kit applies the competitive enzyme immunoassay technique utilizing a Polyclonal anti-C3c antibody and an C3c-HRP conjugate. The assay sample and buffer are incubated together with C3c-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the C3c concentration since C3c from samples and C3c-HRP conjugate compete for the anti-C3c antibody binding site. Since the number of sites is limited, as more sites are occupied by C3c from the sample, fewer sites are left to bind C3c-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The C3c concentration in each sample is interpolated from this standard curve.
Other Notes	Small volumes of C3c elisa kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for C3c purchase	MBS7240991 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Complement fragment 3c, C3c, ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing C3c. The ELISA analytical biochemical technique of the MBS7240991 kit is based on C3c antibody-C3c antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect C3c antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, C3c. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).



Typical Standard Curve/Testing Data of C3c elisa kit

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/chicken-elisa-kits/complement-fragment-3c-c3c/7240991