

Sheep Complement Component 7 ELISA Kit | C7 elisa kit

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CATALOG #
AAA88840

REACTIVITY
Sheep

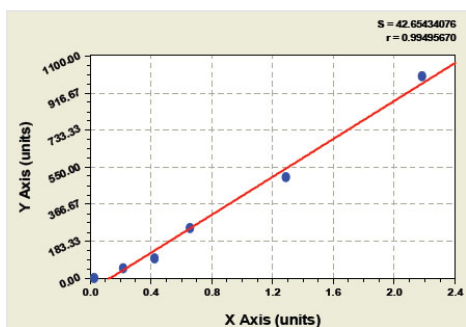
PRODUCT SYNONYMS

Complement Component 7; Sheep Complement Component 7 ELISA Kit; C7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Sensitivity	1.0 pg/mL.
Intended Uses	This C7 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep C7. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for C7 elisa kit

Principle of the Assay: C7 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for C7. Standards or samples are then added to the microtiter plate wells and C7 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of C7 present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for C7 are added to each well to "sandwich" the C7 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain C7 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The C7 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for C7 elisa kit

Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	39645843
NCBI GeneID	730
Molecular Weight	93,518 Da
NCBI Official Full Name	Complement component 7
NCBI Official Synonym Full Names	complement component 7
NCBI Official Symbol	C7
NCBI Protein Information	complement component C7
UniProt Protein Name	Complement component C7
UniProt Gene Name	C7
UniProt Entry Name	CO7_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/c7-sheep-elisa-kits/complement-component-7/88840>