

Pig C3 (Complement Component 3) ELISA Kit | C3 elisa kit

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CATALOG #
AAA278503

REACTIVITY
Pig

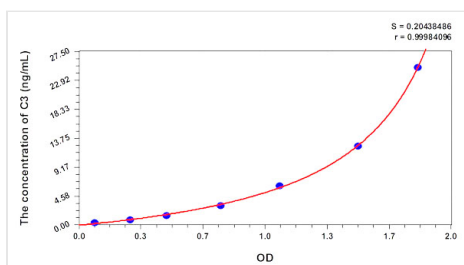
PRODUCT SYNONYMS

C3 (Complement Component 3); Pig C3 (Complement Component 3) ELISA Kit; ASP; CPAMD1; Complement Protein C3; C3 and PZP-like alpha-2-macroglobulin domain-containing protein 1; C3a anaphylatoxin; Acylation stimulating protein; C3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Pig
Assay Type	Sandwich
Samples	Serum, plasma and other biological fluids.
Detection Range	7.81-500ug/mL
Sensitivity	2.1ug/mL

IMAGES



ADDITIONAL INFORMATION

Related Product Information for C3 elisa kit

Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Pig C3. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Pig C3. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Pig C3, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Pig C3 in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for C3 elisa kit

[Signal transduction](#); [Infection immunity](#); [Immune molecule](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	47522844
NCBI GeneID	397072
NCBI Accession #	NP_999174.1

NCBI GenBank Nucleotide #	NM_214009.1
UniProt Accession #	P01025; O97940; Q9GKP1
Molecular Weight	186,807 Da
NCBI Official Full Name	complement C3
NCBI Official Symbol	C3
NCBI Official Synonym Symbols	C3d
NCBI Protein Information	complement C3
UniProt Protein Name	Complement C3
UniProt Gene Name	C3
UniProt Synonym Gene Names	C3bc; ASP

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/pig-elisa-kits/c3-complement-component-3/278503>