

Rat Apobec 1 Complementation Factor ELISA Kit | A1CF elisa kit

Rat Apobec 1 Complementation Factor ELISA Kit

CATALOG #
AAA81929

REACTIVITY
Rat

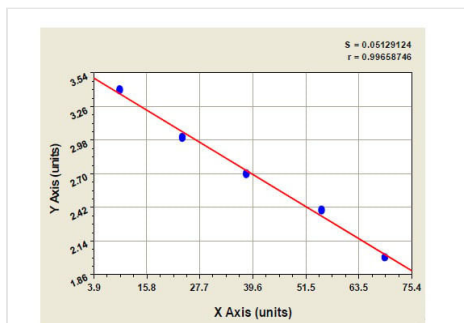
PRODUCT SYNONYMS

Apobec 1 Complementation Factor; Rat Apobec 1 Complementation Factor ELISA Kit; A1CF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	250-5000 pg/mL
Sensitivity	1.0 pg/mL
Intended Uses	This A1CF ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat A1CF. 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 A1CF elisa kit

Principle of the assay: A1CF ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-A1CF antibody and an A1CF-HRP conjugate. The assay sample and buffer are incubated together with A1CF-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 A1CF concentration since A1CF from samples and A1CF-HRP conjugate compete for the anti-A1CF antibody binding site. Since the number of sites is limited, as more sites are occupied by A1CF from the sample, fewer sites are left to bind A1CF-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The A1CF concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	20357572
NCBI GeneID	29974
NCBI Accession #	NP_055391.2
NCBI GenBank Nucleotide #	NM_014576.3
Molecular Weight	58,871 Da
NCBI Official Full Name	APOBEC1 complementation factor isoform 1
NCBI Official Synonym Full Names	APOBEC1 complementation factor
NCBI Official Symbol	A1CF
NCBI Official Synonym Symbols	ACF; ASP; ACF64; ACF65; APOBEC1CF
NCBI Protein Information	APOBEC1 complementation factor; apo-B RNA editing protein; APOBEC-1 stimulating protein; apobec-1 complementation factor (ACF) (ASP)
UniProt Protein Name	APOBEC1 complementation factor
UniProt Gene Name	A1CF
UniProt Synonym Gene Names	ACF; ASP
UniProt Entry Name	A1CF_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/a1cf-rat-elisa-kits/apobec-1-complementation-factor/81929>