

Rat Anti-Intrinsic Factor Antibody ELISA Kit | IF elisa kit

Rat Anti-Intrinsic Factor Antibody ELISA Kit

CATALOG #
AAA87387

REACTIVITY
Rat

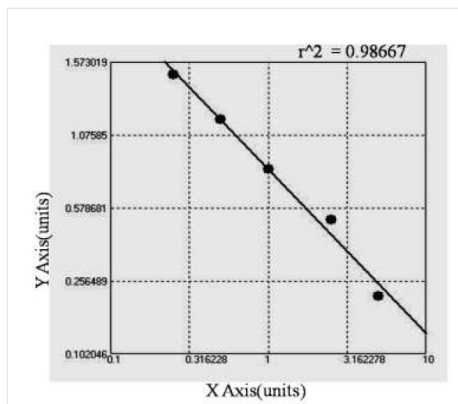
PRODUCT SYNONYMS

Anti-Intrinsic Factor Antibody; Rat Anti-Intrinsic Factor Antibody ELISA Kit; IF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0-250 ng/mL
Sensitivity	1.0 ng/mL
Intended Uses	This IFAb ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat IFAb. 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 IF elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	74996854
NCBI GeneID	8624902
Molecular Weight	45,761 Da
NCBI Official Full Name	Apoptosis-inducing factor homolog A
NCBI Official Symbol	aifC
NCBI Protein Information	hypothetical protein
UniProt Protein Name	Apoptosis-inducing factor homolog A
UniProt Gene Name	aifA
UniProt Synonym Gene Names	DDB_G0285003
UniProt Entry Name	AIFA_DICDI

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://stage.aaabiotech.com/if-rat-elisa-kits/anti-intrinsic-factor-antibody/87387>