

Mouse Intrinsic factor antibody ELISA Kit | IFA elisa kit

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CATALOG #
AAA83136

REACTIVITY
Mouse

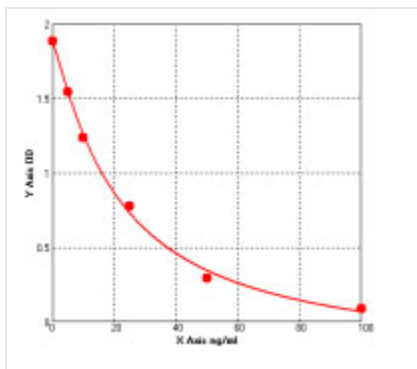
PRODUCT SYNONYMS

Intrinsic factor antibody; Mouse Intrinsic factor antibody ELISA Kit; IFA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of IFAb. No significant cross-reactivity or interference between IFAb and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between IFAb and all the analogues, therefore, cross reaction may still exist in some cases.
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.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IFA 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. Intended Uses: This IFAb ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse IFAb. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for IFA elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	183186
Molecular Weight	42,698 Da
NCBI Official Full Name	intrinsic factor
UniProt Protein Name	Gastric intrinsic factor
UniProt Gene Name	GIF
UniProt Synonym Gene Names	IFMH; IF; INF
UniProt Entry Name	IF_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://stage.aaabiotech.com/ifa-mouse-elisa-kits/intrinsic-factor-antibody/83136>