

Mouse Heparin-Platelet Factor 4 antibody ELISA Kit | HPF4Ab elisa kit

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CATALOG # AAA97550	REACTIVITY Mouse
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PRODUCT SYNONYMS

Heparin-Platelet Factor 4 antibody; Mouse Heparin-Platelet Factor 4 antibody ELISA Kit; HPF4Ab elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This HPF4Ab ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse HPF4Ab. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for HPF4Ab elisa kit	Principle of the assay: HPF4Ab ELISA kit applies the competitive enzyme immunoassay technique utilizing Heparin Platelet Factor 4 antigen and an HPF4Ab-HRP conjugate. The assay sample and buffer are incubated together with HPF4Ab-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 HPF4Ab concentration since HPF4Ab from samples and HPF4Ab-HRP conjugate compete for the Heparin Platelet Factor 4 antigen binding site. Since the number of sites is limited, as more sites are occupied by HPF4Ab from the sample, fewer sites are left to bind HPF4Ab-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The HPF4Ab concentration in each sample is interpolated from this standard curve.
Product Categories/Family for HPF4Ab elisa kit	Immunology

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/hpf4ab-mouse-elisa-kits/heparin-platelet-factor-4-antibody/97550>