

Human anti Ku antibody ELISA Kit

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CATALOG #
AAA245161

REACTIVITY
Human

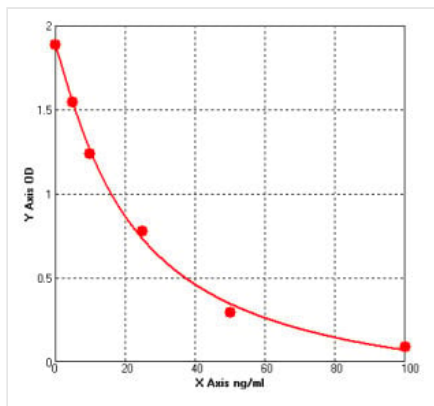
PRODUCT SYNONYMS

anti Ku antibody; Human anti Ku antibody ELISA Kit; anti Ku antibody elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of KuAb. No significant cross-reactivity or interference between KuAb and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between KuAb 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 anti Ku antibody elisa kit	Principle of the Assay: KuAb ELISA kit applies the competitive enzyme immunoassay technique utilizing Ku antigen and an KuAb-HRP conjugate. The assay sample and buffer are incubated together with KuAb-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 KuAb concentration since KuAb from samples and KuAb-HRP conjugate compete for the Ku antigen binding site. Since the number of sites is limited, as more sites are occupied by KuAb from the sample, fewer sites are left to bind KuAb-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The KuAb concentration in each sample is interpolated from this standard curve. Intended Uses: This KuAb ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human KuAb. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for anti Ku antibody elisa kit	Cancer

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/human-elisa-kits/anti-ku-antibody/245161>