

Human anti neutrophil antibody, ANA ELISA Kit

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CATALOG #
AAA245317

REACTIVITY
Human

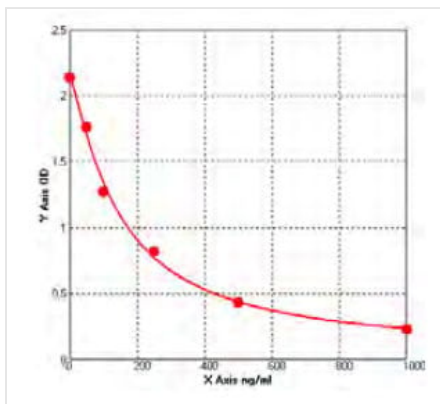
PRODUCT SYNONYMS

anti neutrophil antibody; ANA; Human anti neutrophil antibody; ANA ELISA Kit; ANA elisa kit

PRODUCT SPECIFICATIONS

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

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/human-elisa-kits/anti-neutrophil-antibody-ana/245317>