

Rat anti-nucleolus antibody, ANA ELISA Kit

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CATALOG #
AAA246988

REACTIVITY
Rat

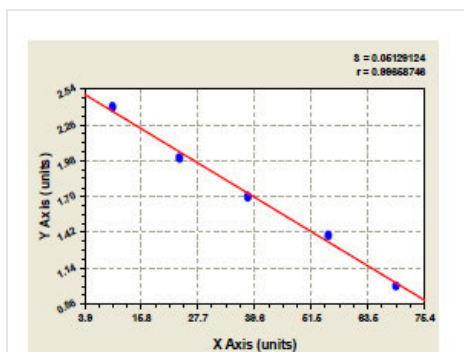
PRODUCT SYNONYMS

anti-nucleolus antibody; ANA; Rat anti-nucleolus antibody; ANA ELISA Kit; ANA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for anti-nucleolus antibody, ANA elisa kit

Intended Uses: This ANAb ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat ANAb. This ELISA kit for research use only!

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

Product Categories/Family for anti-nucleolus 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/rat-elisa-kits/anti-nucleolus-antibody-ana/246988>