

Rat Endostatin antibody ELISA Kit | ES elisa kit

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CATALOG #
AAA86431

REACTIVITY
Rat

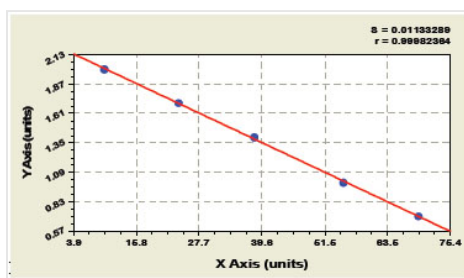
PRODUCT SYNONYMS

Endostatin antibody; Rat Endostatin antibody ELISA Kit; ES 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.
Intended Uses	This ESAb ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat ESAb. This ELISA kit for research use only, not for therapeutic applications
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ES elisa kit

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

Product Categories/Family for ES elisa kit

Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	194476216
NCBI Official Full Name	endostatin, partial

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/es-rat-elisa-kits/endostatin-antibody/86431>