

Rabbit Erythropoiesis-stimulating factor ELISA Kit | ESF elisa kit

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CATALOG #
AAA82185

REACTIVITY
Rabbit

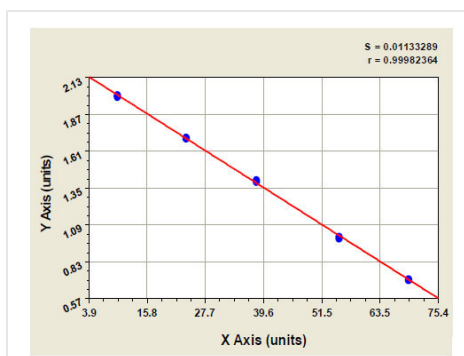
PRODUCT SYNONYMS

Erythropoiesis-stimulating factor; Rabbit Erythropoiesis-stimulating factor ELISA Kit; ESF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Intended Uses	This ESF ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit ESF. 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 ESF elisa kit

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

Product Categories/Family for ESF elisa kit

Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	250415
NCBI Official Full Name	extracellular matrix stabilizing factor, ESF=inter-alpha-trypsin inhibitor homolog

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/esf-rabbit-elisa-kits/erythropoiesis-stimulating-factor/82185>