

Rat Endostatin ELISA Kit | ES elisa kit

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CATALOG #
AAA100054

REACTIVITY
Rat

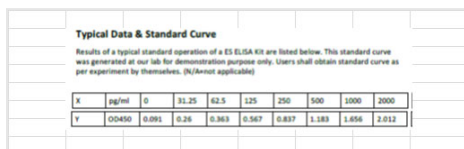
PRODUCT SYNONYMS

Endostatin; Rat Endostatin ELISA Kit; COL18A1/antiangiogenic agent/collagen alpha-1 (XVIII) chain/collagen; type XVIII; alpha 1/human type XVIII collagen10endostatin/KNO/KNO1MGC74745/Knobloch syndrome; type 1/KS/multi-functional protein MFP; ES elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of ES. No significant crossreactivity or interference between ES and analogues was observed.
Sequence Length	184
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level ES were tested 20 times on one plate, respectively. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level ES were tested on 3 different plates, 8 replicates in each plate. CV (%) = SD/meanX100. Inter-Assay: CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ES elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti- ES antibody was pre-coated onto 96-well plates. And the biotin conjugated anti- ES antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the ES amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of ES can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7739777
NCBI GeneID	12822
Molecular Weight	134,204 Da
NCBI Official Full Name	endostatin, partial
NCBI Official Synonym Full Names	collagen, type XVIII, alpha 1
NCBI Official Symbol	Col18a1
NCBI Protein Information	collagen alpha-1(XVIII) chain
UniProt Protein Name	Collagen alpha-1(XVIII) chain
UniProt Gene Name	Col18a1
UniProt Entry Name	COIA1_MOUSE

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/es-rat-elisa-kits/endostatin/100054>