

Rat SPARC ELISA Kit | Sparc elisa kit

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CATALOG #
AAA192686

REACTIVITY
Rat

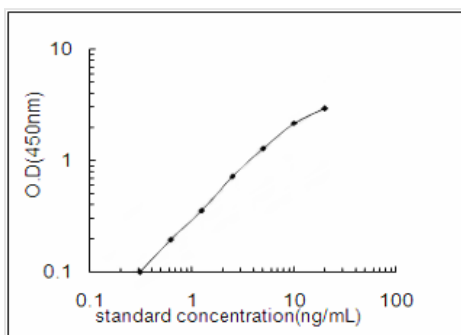
PRODUCT SYNONYMS

SPARC; Rat SPARC ELISA Kit; Basement-membrane protein 40; BM-40; Osteonectin; ON; Secreted protein acidic and rich in cysteine; Sparc; Sparc elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat SPARC. No significant cross-reactivity or interference was observed.
Sequence Length	301
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids
Detection Range	0.31 ng/mL -20.0 ng/mL.
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Sparc elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of rat SPARC concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to SPARC. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for SPARC and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain SPARC, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2 nm. The concentration of SPARC in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6981574
NCBI GeneID	24791
NCBI Accession #	NP_036788.1
NCBI GenBank Nucleotide #	NM_012656.1
UniProt Accession #	P16975; O08953; Q6GSZ4
Molecular Weight	34,296 Da
NCBI Official Full Name	SPARC
NCBI Official Synonym Full Names	secreted protein acidic and cysteine rich
NCBI Official Symbol	Sparc
NCBI Protein Information	SPARC
UniProt Protein Name	SPARC
UniProt Gene Name	Sparc
UniProt Synonym Gene Names	BM-40; ON
UniProt Entry Name	SPRC_RAT

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://www.aaabiotech.com/rat-elisa-kits/sparc/192686>