

Porcine Osteonectin ELISA Kit | ON elisa kit

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CATALOG #
AAA88333

REACTIVITY
Porcine

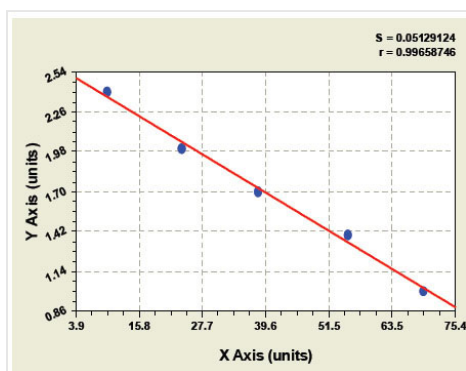
PRODUCT SYNONYMS

Osteonectin; Porcine Osteonectin ELISA Kit; ON elisa kit

PRODUCT SPECIFICATIONS

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

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

Product Categories/Family for ON elisa kit

Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	338325
NCBI GeneID	6678
Molecular Weight	34,632 Da
NCBI Official Full Name	osteonectin
NCBI Official Synonym Full Names	secreted protein, acidic, cysteine-rich (osteonectin)
NCBI Official Symbol	SPARC
NCBI Official Synonym Symbols	ON
NCBI Protein Information	SPARC; BM-40; osteonectin; cysteine-rich protein; basement-membrane protein 40; secreted protein acidic and rich in cysteine
UniProt Protein Name	SPARC
UniProt Gene Name	SPARC
UniProt Synonym Gene Names	ON; BM-40; ON
UniProt Entry Name	SPRC_HUMAN

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/on-porcine-elisa-kits/osteonectin/88333>