

Monkey Serum Deprivation Response Protein ELISA Kit | SDPR elisa kit

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CATALOG #
AAA96396

REACTIVITY
Monkey

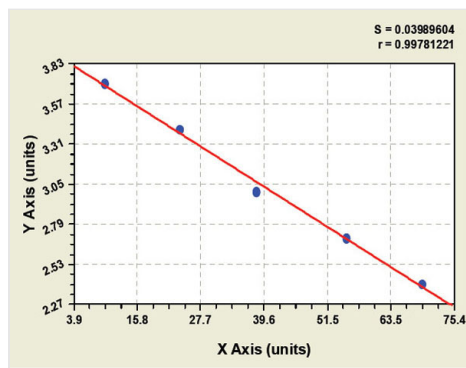
PRODUCT SYNONYMS

Serum Deprivation Response Protein; Monkey Serum Deprivation Response Protein ELISA Kit; SDPR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Intended Uses	This SDPR ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey SDPR. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SDPR elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	4759082
NCBI GeneID	8436
NCBI Accession #	NP_004648.1
NCBI GenBank Nucleotide #	NM_004657.5
Molecular Weight	47,173 Da
NCBI Official Full Name	serum deprivation-response protein
NCBI Official Synonym Full Names	serum deprivation response
NCBI Official Symbol	SDPR
NCBI Official Synonym Symbols	SDR; CAVIN2; PS-p68; cavin-2
NCBI Protein Information	serum deprivation-response protein; phosphatidylserine binding protein; phosphatidylserine-binding protein
UniProt Protein Name	Serum deprivation-response protein
UniProt Gene Name	SDPR
UniProt Entry Name	SDPR_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/sdpr-monkey-elisa-kits/serum-deprivation-response-protein/96396>