

Human Serum Deprivation Response Protein ELISA Kit | SDRP elisa kit

Human Serum Deprivation Response Protein ELISA Kit

CATALOG #
AAA83789

REACTIVITY
Human

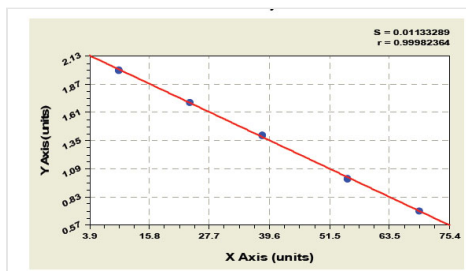
PRODUCT SYNONYMS

Serum Deprivation Response Protein; Human Serum Deprivation Response Protein ELISA Kit; SDRP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	250-5000pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This SDRP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human SDRP. 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 SDRP elisa kit

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

Product Categories/Family for SDRP elisa kit

Cardiovascular

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.

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Online datasheet: <https://stage.aaabiotech.com/sdpr-human-elisa-kits/serum-deprivation-response-protein/83789>