

Rabbit S100 Calcium Binding Protein P ELISA Kit | S100P elisa kit

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CATALOG #
AAA87649

REACTIVITY
Rabbit

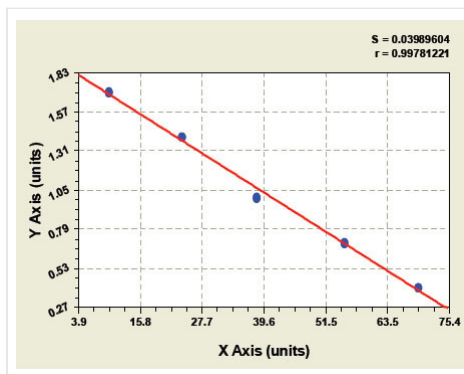
PRODUCT SYNONYMS

S100 Calcium Binding Protein P; Rabbit S100 Calcium Binding Protein P ELISA Kit; S100P elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	2.5-50ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This S100P ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit S100P. 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 S100P elisa kit

Principle of the Assay: S100P ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-S100P antibody and an S100P-HRP conjugate. The assay sample and buffer are incubated together with S100P-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 S100P concentration since S100P from samples and S100P-HRP conjugate compete for the anti-S100P antibody binding site. Since the number of sites is limited, as more sites are occupied by S100P from the sample, fewer sites are left to bind S100P-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The S100P concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	119602790
NCBI GeneID	6286
Molecular Weight	10,400 Da
NCBI Official Full Name	S100 calcium binding protein P
NCBI Official Synonym Full Names	S100 calcium binding protein P
NCBI Official Symbol	S100P
NCBI Official Synonym Symbols	MIG9
NCBI Protein Information	protein S100-P; protein S100-E; S100 calcium-binding protein P; migration-inducing gene 9 protein
UniProt Protein Name	Protein S100-P
UniProt Gene Name	S100P
UniProt Synonym Gene Names	S100E; MIG9
UniProt Entry Name	S100P_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/s100p-rabbit-elisa-kits/s100-calcium-binding-protein-p/87649>