

Chicken S100 Calcium Binding Protein A8 ELISA Kit | S100A8 elisa kit

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CATALOG #
AAA91093

REACTIVITY
Chicken

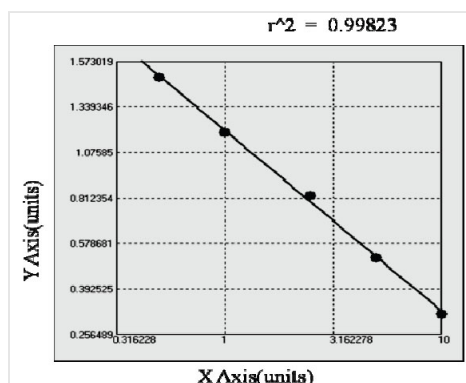
PRODUCT SYNONYMS

S100 Calcium Binding Protein A8; Chicken S100 Calcium Binding Protein A8 ELISA Kit; S100A8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for S100A8 elisa kit

Principle of the Assay: S100A8 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-S100A8 antibody and an S100A8-HRP conjugate. The assay sample and buffer are incubated together with S100A8-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 S100A8 concentration since S100A8 from samples and S100A8-HRP conjugate compete for the anti-S100A8 antibody binding site. Since the number of sites is limited, as more sites are occupied by S100A8 from the sample, fewer sites are left to bind S100A8-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The S100A8 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for S100A8 elisa kit

Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	47115285
UniProt Accession #	P05109; Q5SY70; Q9UC84; Q9UC92; Q9UCJ0; Q9UCM6; A8K5L3; D3DV37
Molecular Weight	10,835 Da
NCBI Official Full Name	S100A8
UniProt Protein Name	Protein S100-A8
UniProt Gene Name	S100A8
UniProt Synonym Gene Names	CAGA; CFAG; MRP8; CFAG; MRP-8; p8
UniProt Entry Name	S10A8_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/s100a8-chicken-elisa-kits/s100-calcium-binding-protein-a8/91093>