

Chicken S100 Calcium Binding Protein ELISA Kit | S100 elisa kit

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CATALOG #
AAA93066

REACTIVITY
Chicken

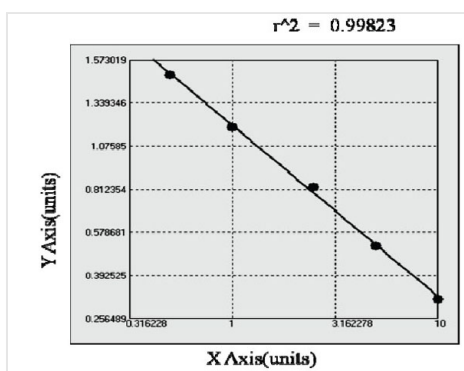
PRODUCT SYNONYMS

S100 Calcium Binding Protein; Chicken S100 Calcium Binding Protein ELISA Kit; S100 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.
Intended Uses	This S100 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken S100. 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 S100 elisa kit

Principle of the Assay: S100 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-S100 antibody and an S100-HRP conjugate. The assay sample and buffer are incubated together with S100-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 S100 concentration since S100 from samples and S100-HRP conjugate compete for the anti-S100 antibody binding site. Since the number of sites is limited, as more sites are occupied by S100 from the sample, fewer sites are left to bind S100-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The S100 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for S100 elisa kit

Signal Transduction

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://www.aaabiotech.com/chicken-elisa-kits/s100-calcium-binding-protein/93066>