

Chicken Secretory Immunoglobulin A ELISA Kit | SIgA elisa kit

Chicken Secretory Immunoglobulin A ELISA Kit

CATALOG #
AAA16818

REACTIVITY
Chicken

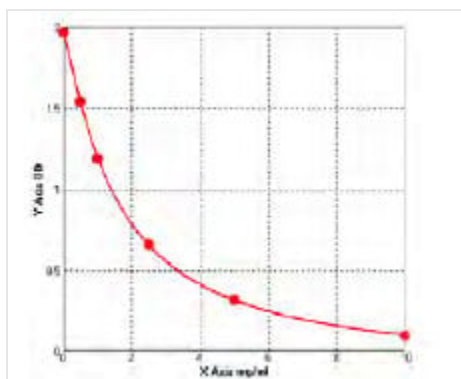
PRODUCT SYNONYMS

Secretory Immunoglobulin A; Chicken Secretory Immunoglobulin A ELISA Kit; SIgA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Specificity	This assay has high sensitivity and excellent specificity for detection of siGA. No significant cross-reactivity or interference between siGA and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between siGA and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 mg/ml
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SIgA elisa kit	Intended Uses: This SIgA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of ChickensIgA. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: SIgA ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-sIgA antibody and an SIgA-HRP conjugate. The assay sample and buffer are incubated together with SIgA-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 SIgA concentration since SIgA from samples and SIgA-HRP conjugate compete for the anti-sIgA antibody binding site. Since the number of sites is limited, as more sites are occupied by SIgA from the sample, fewer sites are left to bind SIgA-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The SIgA concentration in each sample is interpolated from this standard curve.
Product Categories/Family for SIgA elisa kit	Immunology

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/siga-chicken-elisa-kits/secretory-immunoglobulin-a/16818>