

Human Secretory Immunoglobulin A (SIgA) ELISA Kit | SIgA elisa kit

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CATALOG #
AAA330874

REACTIVITY
Human

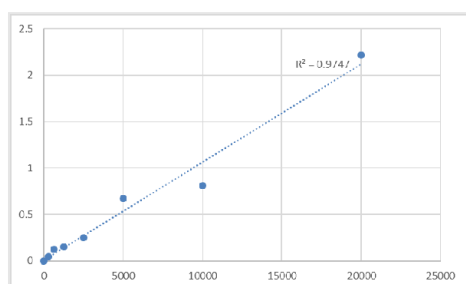
PRODUCT SYNONYMS

Secretory Immunoglobulin A (SIgA); Human Secretory Immunoglobulin A (SIgA) ELISA Kit; SIgA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Secretory immunoglobulin A (SIgA) ELISA Kit has high sensitivity and excellent specificity for detection of Human SIgA. No significant cross-reactivity or interference between Human SIgA and analogues was observed.
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Secretory immunoglobulin A (SIgA) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for SIgA elisa kit	Description: This Human Secretory immunoglobulin A (SIgA) ELISA Kit employs a two-site sandwich ELISA to quantitate SIgA in samples. An antibody specific for SIgA has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SIgA present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SIgA is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of SIgA bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Secretory IgA (IgA) consists of two IgA monomers joined by the J-chain and furthermore a secretory component. It is secreted in plasma cells based in the lamina propia of mucosal membranes. Synthesis of IgA is independent from the synthesis of serum IgA. This means lack of serum IgA does not necessarily mean a lack of IgA. IgA is found in secretions in a specific form called secretory IgA', Secretory IgA is the major immunoglobulin in saliva, tears, colostrum, nasal mucous, mother's milk, tracheobronchial and gastrointestinal secretes. It plays a major role in preventing adherence of microorganisms to mucosal sites, in activation of the alternative complement pathway and in activating inflammatory reactions. Newborns are provided with IgA by mother's milk and are passively immunized against gastrointestinal infections.
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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/human-elisa-kits/secretory-immunoglobulin-a-siga/330874>