

Bovine Ovalbumin specific Immunoglobulin G1 ELISA Kit | OVA slgG1 elisa kit

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CATALOG #
AAA95227

REACTIVITY
Bovine

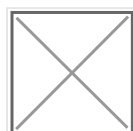
PRODUCT SYNONYMS

Ovalbumin specific Immunoglobulin G1; Bovine Ovalbumin specific Immunoglobulin G1 ELISA Kit; OVA slgG1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay has high sensitivity and excellent specificity for detection of OVA-slG1. No significant cross-reactivity or interference between OVA-slG1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between OVA-slG1 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 ?g/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for OVA slgG1 elisa kit

Intended Uses: This OVA-slG1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine OVA-slG1. This ELISA kit for research use only, not for therapeutic or test applications!

Principle of the Assay: OVA-slG1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-OVA-slG1 antibody and an OVA-slG1-HRP conjugate. The assay sample and buffer are incubated together with OVA-slG1-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 OVA-slG1 concentration since OVA-slG1 from samples and OVA-slG1-HRP conjugate compete for the anti-OVA-slG1 antibody binding site. Since the number of sites is limited, as more sites are occupied by OVA-slG1 from the sample, fewer sites are left to bind OVA-slG1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The OVA-slG1 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for OVA slgG1 elisa kit

[Cell Biology](#)

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/ova-sigg1-bovine-ovine-elisa-kits/ovalbumin-specific-immunoglobulin-g1/95227>