

Monkey Ovalbumin specific Immunoglobulin G ELISA Kit | OVA sIgG elisa kit

Monkey Ovalbumin specific Immunoglobulin G ELISA Kit

CATALOG #
AAA89974

REACTIVITY
Monkey

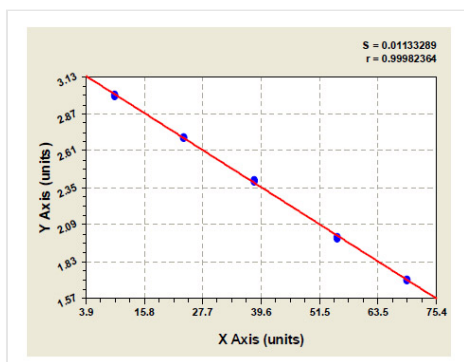
PRODUCT SYNONYMS

Ovalbumin specific Immunoglobulin G; Monkey Ovalbumin specific Immunoglobulin G ELISA Kit; OVA sIgG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	50-1000pg/mL
Sensitivity	1.0pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for OVA slgG elisa kit	For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate INTENDED USE This OVA slgG ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey OVA slgG. This ELISA kit for research use only! PRINCIPLE OF THE ASSAY OVA slgG ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-OVA slgG antibody and an OVA slgG-HRP conjugate. The assay sample and buffer are incubated together with OVA slgG-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 slgG concentration since OVA slgG from samples and OVA slgG-HRP conjugate compete for the anti-OVA slgG antibody binding site. Since the number of sites is limited, as more sites are occupied by OVA slgG from the sample, fewer sites are left to bind OVA slgG-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The OVA slgG concentration in each sample is interpolated from this standard curve.
Product Categories/Family for OVA slgG 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/ova-sigg-monkey-elisa-kits/ovalbumin-specific-immunoglobulin-g/89974>