

Chicken Vitellogenin ELISA Kit | VG elisa kit

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CATALOG #
AAA95478

REACTIVITY
Chicken

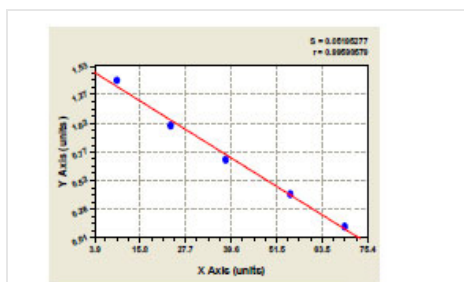
PRODUCT SYNONYMS

Vitellogenin; Chicken Vitellogenin ELISA Kit; VG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Competitive (Quantitative)
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for VG elisa kit

Intended Uses: This VTG ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken VTG. This ELISA kit for research use only!

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

Product Categories/Family for VG elisa kit

[Signal Transduction](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	7009577
UniProt Accession #	O76823
Molecular Weight	213,639 Da
NCBI Official Full Name	vitellogenin
UniProt Protein Name	Vitellogenin
UniProt Entry Name	O76823_BLAGE

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/vg-chicken-elisa-kits/vitellogenin/95478>