

Chicken Vitellogenin-1 ELISA Kit | VTG1 elisa kit

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CATALOG #
AAA56086

REACTIVITY
Chicken

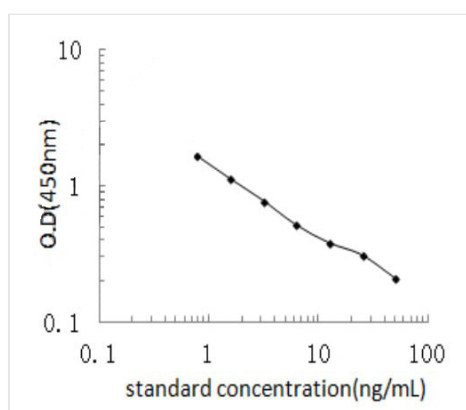
PRODUCT SYNONYMS

Vitellogenin-1; Chicken Vitellogenin-1 ELISA Kit; VTG1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Specificity	Recombinant and natural Chicken Vitellogenin-1
Sequence Length	1912
Assay Type	Quantitative Competitive
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.78-50 ng/mL
Sensitivity	< 0.32 ng/mL
Intra-assay Precision	<=6.9%
Inter-assay Precision	<=6.9%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for VTG1 elisa kit	Principle of the Assay: The ELISA is based on the competitive binding enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen, During the reaction, target antigen in the sample or standard competes with a fixed amount of biotin-labeled target antigen for sites on a pre-coated antibody specific to target antigen. Excess conjugate and unbound sample or standard are washed from the plate. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	52138705
NCBI GeneID	424547
NCBI Accession #	NP_001004408.1
NCBI GenBank Nucleotide #	NM_001004408.2
UniProt Accession #	P87498
Molecular Weight	210,630 Da
NCBI Official Full Name	vitellogenin-1
NCBI Official Synonym Full Names	vitellogenin 1
NCBI Official Symbol	VTG1
NCBI Official Synonym Symbols	LVII; VIT1; TPRXL; YGP42
NCBI Protein Information	vitellogenin-1
UniProt Protein Name	Vitellogenin-1
UniProt Gene Name	VTG1
UniProt Synonym Gene Names	VTGI; LVI; PV; LVII
UniProt Entry Name	VIT1_CHICK

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.