

Chicken Gallinacin-11 ELISA Kit | AvBD11 elisa kit

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CATALOG #
AAA247548

REACTIVITY
Chicken

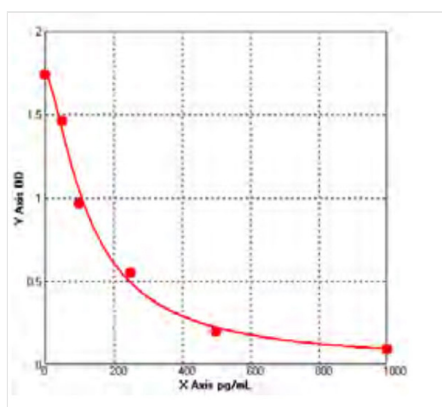
PRODUCT SYNONYMS

Gallinacin-11; Chicken Gallinacin-11 ELISA Kit; AvBD11 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Specificity	This assay has high sensitivity and excellent specificity for detection of GAL11. No significant cross-reactivity or interference between GAL11 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between GAL11 and all the analogues, therefore, cross reaction may still exist in some cases.
Sequence Length	104
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 pg/mL
Reactivity Note	No significant cross-reactivity or interference between this antigen and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection, therefore, cross reaction may still exist in some cases.
Preparation and Storage	Store at 2-8 degree C. The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 127% within the expiration date under appropriate storage condition.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AvBD11 elisa kit	Principle of the Assay: GAL11 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-GAL11 antibody and an GAL11-HRP conjugate. The assay sample and buffer are incubated together with GAL11-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 GAL11 concentration since GAL11 from samples and GAL11-HRP conjugate compete for the anti-GAL11 antibody binding site. Since the number of sites is limited, as more sites are occupied by GAL11 from the sample, fewer sites are left to bind GAL11-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GAL11 concentration in each sample is interpolated from this standard curve. Intended Uses: This GAL11 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken GAL11. This ELISA kit for research use only, not for therapeutic or test applications!
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NCBI AND UNIPROT INFORMATION

NCBI GI #	49169808
NCBI GeneID	414876
NCBI Accession #	NP_001001779.1
NCBI GenBank Nucleotide #	NM_001001779.1
UniProt Accession #	Q6IV20; Q09MT4; Q9PS49; A0A1W6
Molecular Weight	11,650 Da
NCBI Official Full Name	gallinacin-11
NCBI Official Synonym Full Names	avian beta-defensin 11
NCBI Official Symbol	AvBD11
NCBI Official Synonym Symbols	GAL11; VMOII; GAL 11; VMO-II; gal-11
NCBI Protein Information	gallinacin-11
UniProt Protein Name	Gallinacin-11
UniProt Gene Name	GAL11
UniProt Synonym Gene Names	Gal-11; VMO-II; VMOII

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.