

Chicken Gallinacin-10 ELISA Kit | AvBD10 elisa kit

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CATALOG #
AAA247547

REACTIVITY
Chicken

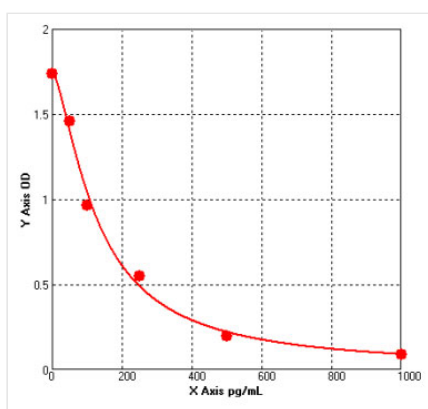
PRODUCT SYNONYMS

Gallinacin-10; Chicken Gallinacin-10 ELISA Kit; AvBD10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Specificity	This assay has high sensitivity and excellent specificity for detection of GAL10. No significant cross-reactivity or interference between GAL10 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between GAL10 and all the analogues, therefore, cross reaction may still exist in some cases.
Sequence Length	68
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 pg/mL
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 126% within the expiration date under appropriate storage condition.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AvBD10 elisa kit	Principle of the Assay: GAL10 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-GAL10 antibody and an GAL10-HRP conjugate. The assay sample and buffer are incubated together with GAL10-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 GAL10 concentration since GAL10 from samples and GAL10-HRP conjugate compete for the anti-GAL10 antibody binding site. Since the number of sites is limited, as more sites are occupied by GAL10 from the sample, fewer sites are left to bind GAL10-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GAL10 concentration in each sample is interpolated from this standard curve. Intended Uses: This GAL10 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken GAL10. This ELISA kit for research use only, not for therapeutic or test applications!
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NCBI AND UNIPROT INFORMATION

NCBI GI #	48976029
NCBI GeneID	414341
NCBI Accession #	NP_001001609.1
NCBI GenBank Nucleotide #	NM_001001609.2
UniProt Accession #	Q6QLQ9
Molecular Weight	7,130 Da
NCBI Official Full Name	gallinacin-10 preproprotein
NCBI Official Synonym Full Names	avian beta-defensin 10
NCBI Official Symbol	AvBD10
NCBI Official Synonym Symbols	Gal8; GAL10; Gal-8; GAL 10; gal-10
NCBI Protein Information	gallinacin-10
UniProt Protein Name	Gallinacin-10
UniProt Gene Name	GAL10
UniProt Synonym Gene Names	Gal-10; Gal-8

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/chicken-elisa-kits/gallinacin-10/247547>