

Chicken beta-Alanine ELISA Kit | beta-Ala elisa kit

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CATALOG #
AAA97509

REACTIVITY
Chicken

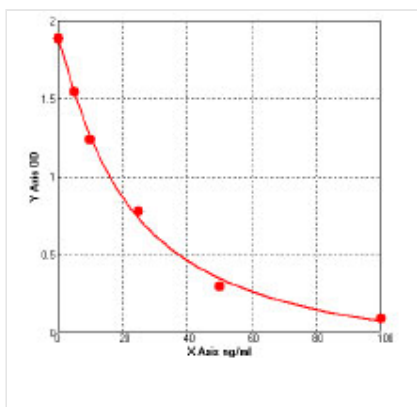
PRODUCT SYNONYMS

beta-Alanine; Chicken beta-Alanine ELISA Kit; Chicken b-Alanine ELISA Kit; beta-Ala elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
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 beta-Ala elisa kit

Intended Uses: This ALX1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human ALX1. This ELISA kit for research use only!

Principle of the Assay: ALX1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-ALX1 antibody and an ALX1-HRP conjugate. The assay sample and buffer are incubated together with ALX1-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 ALX1 concentration since ALX1 from samples and ALX1-HRP conjugate compete for the anti-ALX1 antibody binding site. Since the number of sites is limited, as more sites are occupied by ALX1 from the sample, fewer sites are left to bind ALX1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ALX1 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	596714852
NCBI GeneID	18736634
NCBI Accession #	XP_007285111.1
NCBI GenBank Nucleotide #	XM_007285049.1
Molecular Weight	42,465 Da
NCBI Official Full Name	beta-alanine
NCBI Official Symbol	CGGC5_13087
NCBI Protein Information	beta-alanine
UniProt Protein Name	Beta-alanine
UniProt Entry Name	L2FJH3_COLGN

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.