

Chicken Augmenter of Liver Regeneration ELISA Kit | ALR elisa kit

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CATALOG #
AAA93676

REACTIVITY
Chicken

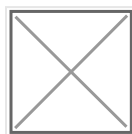
PRODUCT SYNONYMS

Augmenter of Liver Regeneration; Chicken Augmenter of Liver Regeneration ELISA Kit; ALR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ALR elisa kit

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

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

Product Categories/Family for ALR elisa kit

[Cancer](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	2358287
NCBI GeneID	8085

Molecular Weight	593,677 Da
NCBI Official Full Name	ALR
NCBI Official Synonym Full Names	lysine (K)-specific methyltransferase 2D
NCBI Official Symbol	KMT2D
NCBI Official Synonym Symbols	ALR; KMS; MLL2; MLL4; AAD10; KABUK1; TNRC21; CAGL114
NCBI Protein Information	histone-lysine N-methyltransferase 2D; ALL1-related protein; Kabuki make-up syndrome; Kabuki mental retardation syndrome; trinucleotide repeat containing 21; histone-lysine N-methyltransferase MLL2; myeloid/lymphoid or mixed-lineage leukemia 2
UniProt Protein Name	Histone-lysine N-methyltransferase 2D
UniProt Gene Name	KMT2D
UniProt Synonym Gene Names	ALR; MLL2; MLL4; Lysine N-methyltransferase 2D
UniProt Entry Name	KMT2D_HUMAN

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/alr-chicken-elisa-kits/augmenter-of-liver-regeneration/93676>