

Human Augmenter of Liver Regeneration ELISA Kit | ALR elisa kit

Human Augmenter of Liver Regeneration ELISA Kit

CATALOG #
AAA16602

REACTIVITY
Human

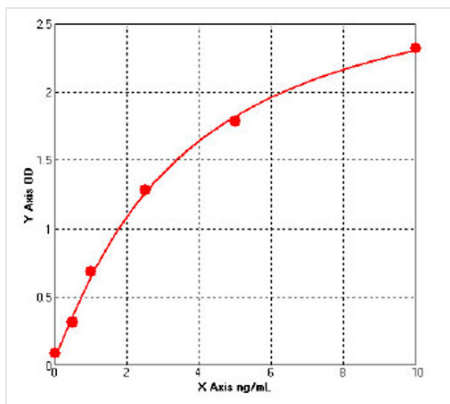
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ALR. No significant cross-reactivity or interference between ALR and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between ALR and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive or Sandwich
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 ALR elisa kit	Intended Uses: This ALR ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human ALR. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: ALR ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for ALR. Standards or samples are then added to the microtiter plate wells and ALR if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of ALR present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for ALR are added to each well to "sandwich" the ALR immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain ALR and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. 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	Signal Transduction

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/alr-human-elisa-kits/augmenter-of-liver-regeneration/16602>