

Chicken LIM/homeobox protein LMX-1.2 ELISA Kit | LMX1B elisa kit

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CATALOG # AAA56355	REACTIVITY Chicken
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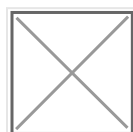
PRODUCT SYNONYMS

LIM/homeobox protein LMX-1.2; Chicken LIM/homeobox protein LMX-1.2 ELISA Kit; LMX1B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Specificity	This assay recognizes recombinant and natural Chicken Homeobox protein LMX-1. No significant cross-reactivity or interference was observed.
Sequence Length	400
Samples	Serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids.
Assay Type	Competitive
Detection Range	0.78-50.0 ng/ml.
Sensitivity	The minimum detectable dose of Chicken Homeobox protein LMX-1 is typically less than 0.39 ng/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero.
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LMX1B elisa kit	Principle of the Assay: The ELISA is based on the competitive binding enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Homeobox protein LMX-1, During the reaction, Homeobox protein LMX-1 in the sample or standard competes with a fixed amount of biotin-labeled Homeobox protein LMX-1 for sites on a pre-coated Monoclonal antibody specific to Homeobox protein LMX-1. Excess conjugate and unbound sample or standard are washed from the plate. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Homeobox protein LMX-1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	758371919
NCBI GeneID	396312

NCBI Accession #	NP_990689.2
NCBI GenBank Nucleotide #	NM_205358.1
UniProt Accession #	P53413
Molecular Weight	45,027 Da
NCBI Official Full Name	LIM/homeobox protein LMX-1.2
NCBI Official Synonym Full Names	LIM homeobox transcription factor 1, beta
NCBI Official Symbol	LMX1B
NCBI Official Synonym Symbols	LMX; LMX1
NCBI Protein Information	LIM/homeobox protein LMX-1.2
UniProt Protein Name	LIM/homeobox protein LMX-1.2
UniProt Gene Name	LMX1B
UniProt Synonym Gene Names	LMX; LMX1; Homeobox protein LMX-1; LIM/homeobox protein 1; LMX
UniProt Entry Name	LMX1B_CHICK

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/lmx1b-chicken-elisa-kits/lim-homeobox-protein-lmx-1-2/56355>