

Chicken Runt Related Transcription Factor 2 ELISA Kit | RUNX2 elisa kit

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CATALOG #
AAA91327

REACTIVITY
Chicken

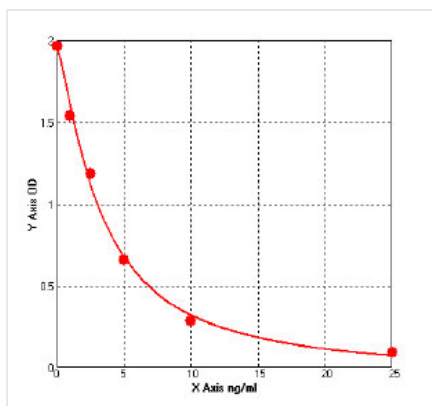
PRODUCT SYNONYMS

Runt Related Transcription Factor 2; Chicken Runt Related Transcription Factor 2 ELISA Kit; RUNX2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Specificity	This assay has high sensitivity and excellent specificity for detection of RUNX2. No significant cross-reactivity or interference between RUNX2 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between RUNX2 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
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 RUNX2 elisa kit	Principle of the Assay: RUNX2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-RUNX2 antibody and an RUNX2-HRP conjugate. The assay sample and buffer are incubated together with RUNX2-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 RUNX2 concentration since RUNX2 from samples and RUNX2-HRP conjugate compete for the anti-RUNX2 antibody binding site. Since the number of sites is limited, as more sites are occupied by RUNX2 from the sample, fewer sites are left to bind RUNX2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The RUNX2 concentration in each sample is interpolated from this standard curve. Intended Uses: This RUNX2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken RUNX2. This ELISA kit for research use only, not for therapeutic or test applications!
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NCBI AND UNIPROT INFORMATION

NCBI GI #	55959066
NCBI GeneID	860
UniProt Accession #	Q5T802; Q13950; Q32MY8; Q5T801
Molecular Weight	64,439 Da
NCBI Official Full Name	runt-related transcription factor 2
NCBI Official Synonym Full Names	runt-related transcription factor 2
NCBI Official Symbol	RUNX2
NCBI Official Synonym Symbols	CCD; AML3; CCD1; OSF2; CBFA1; OSF-2; PEA2aA; PEBP2A1; PEBP2A2; PEBP2aA; PEBP2aA1
NCBI Protein Information	runt-related transcription factor 2; CBF-alpha-1; PEA2-alpha A; PEBP2-alpha A; oncogene AML-3; acute myeloid leukemia 3 protein; SL3-3 enhancer factor 1 alpha A subunit; osteoblast-specific transcription factor 2; SL3/AKV core-binding factor alpha A subunit; core-binding factor, runt domain, alpha subunit 1; polyomavirus enhancer-binding protein 2 alpha A subunit
UniProt Protein Name	Runt-related transcription factor 2
UniProt Gene Name	RUNX2
UniProt Entry Name	Q5T802_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/runx2-chicken-elisa-kits/runt-related-transcription-factor-2/91327>