

Chicken Interleukin 34 ELISA Kit | IL-34 elisa kit

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CATALOG #
AAA93618

REACTIVITY
Chicken

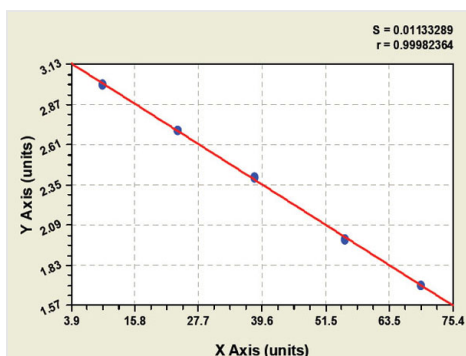
PRODUCT SYNONYMS

Interleukin 34; Chicken Interleukin 34 ELISA Kit; IL-34 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.
Intended Uses	This IL-34 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken IL-34. This ELISA kit for research use only, not for therapeutic applications
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL-34 elisa kit

Principle of the Assay: IL-34 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-IL-34 antibody and an IL-34-HRP conjugate. The assay sample and buffer are incubated together with IL-34-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 IL-34 concentration since IL-34 from samples and IL-34-HRP conjugate compete for the anti-IL-34 antibody binding site. Since the number of sites is limited, as more sites are occupied by IL-34 from the sample, fewer sites are left to bind IL-34-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IL-34 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for IL-34 elisa kit

Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	289666752
NCBI GeneID	146433
NCBI Accession #	NP_001166243.1
NCBI GenBank Nucleotide #	NM_001172772.1
UniProt Accession #	Q6ZMJ4; Q8N6L2; B2RC28; B2Z4A8; B2ZC70
Molecular Weight	27,482 Da
NCBI Official Full Name	interleukin-34 isoform 1
NCBI Official Synonym Full Names	interleukin 34
NCBI Official Symbol	IL34
NCBI Official Synonym Symbols	IL-34; C16orf77
NCBI Protein Information	interleukin-34
UniProt Protein Name	Interleukin-34
UniProt Gene Name	IL34
UniProt Synonym Gene Names	C16orf77; IL-34
UniProt Entry Name	IL34_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/il-34-chicken-elisa-kits/interleukin-34/93618>