Horse Interleukin 1 Receptor Antagonist (IL1RA) ELISA Kit | IL1RA elisa kit

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CATALOG #	REACTIVITY
AAA66735	**Horse**

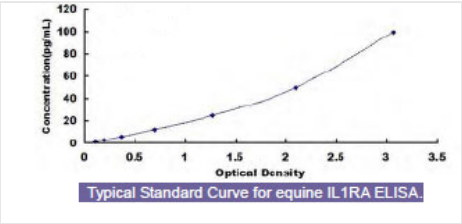
PRODUCT SYNONYMS

Interleukin 1 Receptor Antagonist (IL1RA); Horse Interleukin 1 Receptor Antagonist (IL1RA) ELISA Kit; IL1RN; IL1-RA; ICIL1RA; IL1ra3; IL1F3; IRAP;IL-1RA; Interleukin-1 Family Member 3; IL1 inhibitor; Anakinra; IL1RA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Horse
Specificity	This assay has high sensitivity and excellent specificity for detection of IL1RA. No significant cross-reactivity or interference between IL1RA and analogues was observed.
Sequence Length	177
Samples	Serum, plasma and other biological fluids.
Assay Type	Sandwich
Detection Range	1.56-100pg/mL
Sensitivity	0.66pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level IL1RA were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level IL1RA were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL1RA elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of IL1RA in equine serum, plasma and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to IL1RA. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to IL1RA. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain IL1RA, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of IL1RA in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	126723134
NCBI GeneID	100034236
NCBI Accession #	NP_001075994.1
NCBI GenBank Nucleotide #	NM_001082525.2
UniProt Accession #	O18999; O77745; Q9TSJ0
Molecular Weight	20,460 Da
NCBI Official Full Name	interleukin-1 receptor antagonist protein
NCBI Official Synonym Full Names	Odorant receptor 30a
NCBI Official Symbol	IL1RN
NCBI Official Synonym Symbols	IL-1RA
NCBI Protein Information	interleukin-1 receptor antagonist protein
UniProt Protein Name	Interleukin-1 receptor antagonist protein
UniProt Gene Name	**IL1RN**
UniProt Synonym Gene Names	IL1RA; IL-1RN; IL-1ra; IRAP

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/horse-elisa-kits/interleukin-1-receptor-antagonist-il1ra/66735