

Human IL-22BP (Interleukin-22-binding protein) ELISA Kit | IL-22BP elisa kit

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CATALOG #
AAA250738

REACTIVITY
Human

PRODUCT SYNONYMS

IL-22BP (Interleukin-22-binding protein); Human IL-22BP (Interleukin-22-binding protein) ELISA Kit; nterleukin-22 receptor subunit alpha-2; IL-22 receptor subunit alpha-2; IL-22R-alpha-2; IL-22RA2; Cytokine receptor class-II member 10; Cytokine receptor family 2 member 10 (CRF2-10); Cytokine receptor family type 2; soluble 1 (CRF2-S1); Interleukin-22-binding protein (IL-22BP; IL22BP); ZcytoR16; IL22RA2; IL-22BP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of IL-22BP. No significant cross-reactivity or interference between IL-22BP and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

ADDITIONAL INFORMATION

Related Product Information for IL-22BP elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP -Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	31317241
NCBI GeneID	116379
NCBI Accession #	NP_851826
NCBI GenBank Nucleotide #	NM_181309
UniProt Accession #	Q969J5 ; Q08AH7 ; Q6UWM1 ; Q96A41 ; Q96QR0
Molecular Weight	15,128 Da

NCBI Official Full Name	interleukin-22 receptor subunit alpha-2 isoform 2
NCBI Official Synonym Full Names	interleukin 22 receptor, alpha 2
NCBI Official Symbol	IL22RA2
NCBI Official Synonym Symbols	CRF2X; CRF2-10; CRF2-S1; IL-22BP; IL-22RA2; ZCYTOR16; IL-22R-alpha-2
NCBI Protein Information	interleukin-22 receptor subunit alpha-2; cytokine receptor class-II member 10; cytokine receptor family type 2, soluble 1; interleukin 22-binding protein
UniProt Protein Name	Interleukin-22 receptor subunit alpha-2
UniProt Gene Name	IL22RA2
UniProt Synonym Gene Names	IL-22 receptor subunit alpha-2; IL-22R-alpha-2; IL-22RA2; CRF2-10; CRF2-S1; IL-22BP; IL22BP
UniProt Entry Name	I22R2_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://www.aaabiotech.com/human-elisa-kits/il-22bp-interleukin-22-binding-protein/250738>