

Bovine Interleukin 20 ELISA Kit | IL-20 elisa kit

Bovine Interleukin 20 ELISA Kit

CATALOG #
AAA95915

REACTIVITY
Bovine

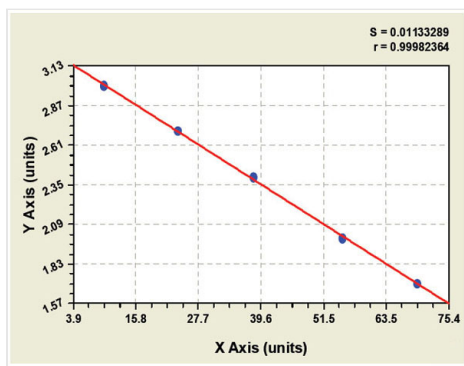
PRODUCT SYNONYMS

Interleukin 20; Bovine Interleukin 20 ELISA Kit; IL-20 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Intended Uses	This IL-20 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine IL-20. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL-20 elisa kit

Principle of the Assay: IL-20 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-IL-20 antibody and an IL-20-HRP conjugate. The assay sample and buffer are incubated together with IL-20-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-20 concentration since IL-20 from samples and IL-20-HRP conjugate compete for the anti-IL-20 antibody binding site. Since the number of sites is limited, as more sites are occupied by IL-20 from the sample, fewer sites are left to bind IL-20-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IL-20 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	31083166
NCBI GeneID	50604
NCBI Accession #	NP_061194.2
NCBI GenBank Nucleotide #	NM_018724.3
Molecular Weight	17,144 Da
NCBI Official Full Name	interleukin-20
NCBI Official Synonym Full Names	interleukin 20
NCBI Official Symbol	IL20
NCBI Official Synonym Symbols	IL-20; IL10D; ZCYTO10
NCBI Protein Information	interleukin-20; cytokine Zcyto10; four alpha helix cytokine
UniProt Protein Name	Interleukin-20
UniProt Gene Name	IL20
UniProt Synonym Gene Names	ZCYTO10; UNQ852/PRO1801; IL-20
UniProt Entry Name	IL20_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.