Porcine Chemokine C-C-Motif Ligand 14 ELISA Kit | CCL14 elisa kit

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CATALOG #	REACTIVITY
AAA88878	**Porcine**

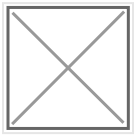
PRODUCT SYNONYMS

Chemokine C-C-Motif Ligand 14; Porcine Chemokine C-C-Motif Ligand 14 ELISA Kit; CCL14 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Specificity	This assay has high sensitivity and excellent specificity for detection of CCL14. No significant cross-reactivity or interference between CCL14 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CCL14 and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CCL14 elisa kit	Intended Uses: This CCL14 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine CCL14. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: CCL14 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-CCL14 antibody and an CCL14-HRP conjugate. The assay sample and buffer are incubated together with CCL14-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 CCL14 concentration since CCL14 from samples and CCL14-HRP conjugate compete for the anti-CCL14 antibody binding site. Since the number of sites is limited, as more sites are occupied by CCL14 from the sample, fewer sites are left to bind CCL14-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CCL14 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for CCL14 elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	14589961
NCBI GeneID	6358
NCBI Accession #	NP_116739.1
NCBI GenBank Nucleotide #	NM_032963.3
Molecular Weight	12,297 Da
NCBI Official Full Name	C-C motif chemokine 14 isoform 1
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 14
NCBI Official Symbol	CCL14
NCBI Official Synonym Symbols	CC-1; CC-3; CKB1; MCIF; NCC2; SY14; HCC-1; HCC-3; NCC-2; SCYL2; SCYA14; HCC-1(1-74); HCC-1/HCC-3
NCBI Protein Information	C-C motif chemokine 14; chemokine CC-3; new CC chemokine 2; chemokine CC-1/CC-3; hemofiltrate CC chemokine 1; small-inducible cytokine A14; small inducible cytokine subfamily A (Cys-Cys), member 14
UniProt Protein Name	C-C motif chemokine 14
UniProt Gene Name	**CCL14**
UniProt Synonym Gene Names	NCC2; SCYA14; HCC-1/HCC-3
UniProt Entry Name	CCL14_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/ccl14-porcine-elisa-kits/chemokine-c-c-motif-ligand-14/88878