

Porcine Chemokine C-C motif ligand 8 ELISA Kit | CCL-8 elisa kit

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CATALOG #
AAA94860

REACTIVITY
Porcine

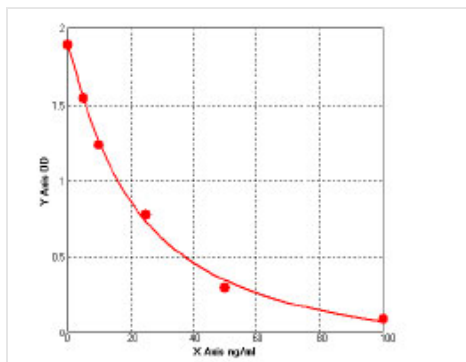
PRODUCT SYNONYMS

Chemokine C-C motif ligand 8; Porcine Chemokine C-C motif ligand 8 ELISA Kit; CCL-8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Specificity	This assay has high sensitivity and excellent specificity for detection of CCL8. No significant cross-reactivity or interference between CCL8 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CCL8 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 CCL-8 elisa kit	Intended Uses: This CCL8 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine CCL8. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: CCL8 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-CCL8 antibody and an CCL8-HRP conjugate. The assay sample and buffer are incubated together with CCL8-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 CCL8 concentration since CCL8 from samples and CCL8-HRP conjugate compete for the anti-CCL8 antibody binding site. Since the number of sites is limited, as more sites are occupied by CCL8 from the sample, fewer sites are left to bind CCL8-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CCL8 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for CCL-8 elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	116496843
NCBI GeneID	6355
Molecular Weight	11,246 Da
NCBI Official Full Name	Chemokine (C-C motif) ligand 8
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 8
NCBI Official Symbol	CCL8
NCBI Official Synonym Symbols	HC14; MCP2; MCP-2; SCYA8; SCYA10
NCBI Protein Information	C-C motif chemokine 8; small-inducible cytokine A8; monocyte chemotactic protein 2; monocyte chemoattractant protein 2; small inducible cytokine subfamily A (Cys-Cys), member 8 (monocyte chemotactic protein 2)
UniProt Protein Name	C-C motif chemokine 8
UniProt Gene Name	CCL8
UniProt Synonym Gene Names	MCP2; SCYA10; SCYA8; MCP-2
UniProt Entry Name	CCL8_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.