

Bovine CC Chemokine Receptor 5 ELISA Kit | CCR5 elisa kit

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CATALOG # AAA90018	REACTIVITY Bovine
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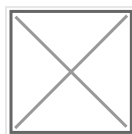
PRODUCT SYNONYMS

CC Chemokine Receptor 5; Bovine CC Chemokine Receptor 5 ELISA Kit; CCR5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CCR5 elisa kit	<p>Intended Uses: This CCR5 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine CCR5. This ELISA kit for research use only!</p> <p>Principle of the Assay: CCR5 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CCR5 antibody and an CCR5-HRP conjugate. The assay sample and buffer are incubated together with CCR5-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 CCR5 concentration since CCR5 from samples and CCR5-HRP conjugate compete for the anti-CCR5 antibody binding site. Since the number of sites is limited, as more sites are occupied by CCR5 from the sample, fewer sites are left to bind CCR5-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CCR5 concentration in each sample is interpolated from this standard curve.</p>
Product Categories/Family for CCR5 elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	289466095
Molecular Weight	18,708 Da

NCBI Official Full Name	CCR5, partial
UniProt Protein Name	CCR5
UniProt Gene Name	CCR5
UniProt Entry Name	E7BJ57_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/ccr5-bovine-ovine-elisa-kits/cc-chemokine-receptor-5/90018>