

Canine Cell division cycle gene ELISA Kit | CDC elisa kit

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CATALOG #
AAA95130

REACTIVITY
Canine

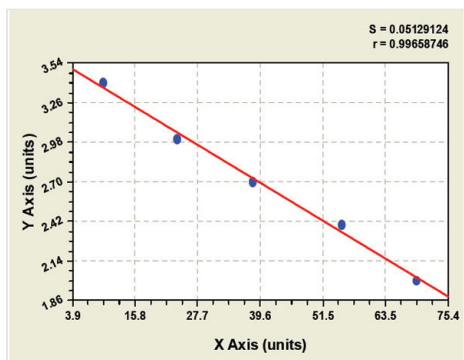
PRODUCT SYNONYMS

Cell division cycle gene; Canine Cell division cycle gene ELISA Kit; CDC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	50-1000pg/mL
Sensitivity	1.png/mL
Intended Uses	This CDC ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine CDC. 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 CDC elisa kit	Principle of the Assay: CDC ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CDC antibody and an CDC-HRP conjugate. The assay sample and buffer are incubated together with CDC-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 CDC concentration since CDC from samples and CDC-HRP conjugate compete for the anti-CDC antibody binding site. Since the number of sites is limited, as more sites are occupied by CDC from the sample, fewer sites are left to bind CDC-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CDC concentration in each sample is interpolated from this standard curve.
Product Categories/Family for CDC elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	157135358
NCBI GeneID	5577625
NCBI Accession #	XP_001656619.1
NCBI GenBank Nucleotide #	XM_001656569.1
Molecular Weight	71,028 Da
NCBI Official Full Name	cell division cycle
NCBI Official Symbol	AaeL_AAEL003273
NCBI Protein Information	cell division cycle
UniProt Protein Name	AAEL003273-PA
UniProt Entry Name	Q17FZ7_AEDAE

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.