

Canine Breast And Kidney Expressed Chemokine ELISA Kit | BRAK elisa kit

Canine Breast And Kidney Expressed Chemokine ELISA Kit

CATALOG #
AAA17201

REACTIVITY
Canine

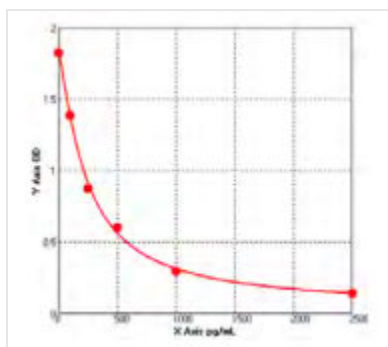
PRODUCT SYNONYMS

Breast And Kidney Expressed Chemokine; Canine Breast And Kidney Expressed Chemokine ELISA Kit; BRAK elisa kit

PRODUCT SPECIFICATIONS

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

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	21667448
NCBI GeneID	306748
Molecular Weight	11,730 Da
NCBI Official Full Name	BRAK
NCBI Official Synonym Full Names	chemokine (C-X-C motif) ligand 14
NCBI Official Symbol	Cxcl14
NCBI Official Synonym Symbols	BRAK
NCBI Protein Information	C-X-C motif chemokine 14
UniProt Protein Name	BRAK
UniProt Gene Name	Cxcl14
UniProt Entry Name	Q8K453_RAT

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/brak-canine-elisa-kits/breast-and-kidney-expressed-chemokine/17201>