

Canine Interleukin 23 p19 ELISA Kit

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CATALOG #
AAA247450

REACTIVITY
Canine

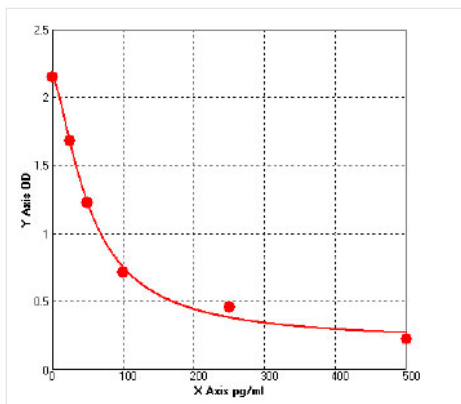
PRODUCT SYNONYMS

Interleukin 23 p19; Canine Interleukin 23 p19 ELISA Kit; Interleukin 23 p19 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Specificity	This assay has high sensitivity and excellent specificity for detection of IL23p19. No significant cross-reactivity or interference between IL23p19 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between IL23p19 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
Reactivity Note	No significant cross-reactivity or interference between this antigen and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection, therefore, cross reaction may still exist in some cases.
Preparation and Storage	Store at 2-8 degree C. The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Interleukin 23 p19 elisa kit	Principle of the Assay: IL23p19 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-IL23p19 antibody and an IL23p19-HRP conjugate. The assay sample and buffer are incubated together with IL23p19-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 IL23p19 concentration since IL23p19 from samples and IL23p19-HRP conjugate compete for the anti-IL23p19 antibody binding site. Since the number of sites is limited, as more sites are occupied by IL23p19 from the sample, fewer sites are left to bind IL23p19-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IL23p19 concentration in each sample is interpolated from this standard curve. Intended Uses: This IL23p19 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine IL23p19. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for Interleukin 23 p19 elisa kit	Cancer; Immunology

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/canine-elisa-kits/interleukin-23-p19/247450>