

Canine Zonulin antibody ELISA Kit

Canine anti-Zonulin antibody ELISA Kit

CATALOG # AAA247844	REACTIVITY Canine	APPLICATIONS ELISA
-------------------------------	-----------------------------	------------------------------

PRODUCT SYNONYMS

Zonulin antibody; Canine anti-Zonulin antibody ELISA Kit; Zonulin antibody elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Specificity	This assay has high sensitivity and excellent specificity for detection of ZONAb. No significant cross-reactivity or interference between ZONAb and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between ZONAb 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 ng/mL
Applicable Applications for Zonulin antibody elisa kit	ELISA
Preparation and Storage	Store all reagents at 2-8 degree C.

ADDITIONAL INFORMATION

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

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://www.aaabiotech.com/canine-elisa-kits/zonulin-antibody/247844>