

Canine Sperm Protein 17 ELISA Kit | Sp17 elisa kit

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CATALOG #
AAA89887

REACTIVITY
Canine

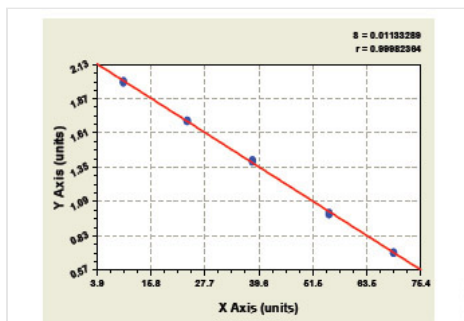
PRODUCT SYNONYMS

Sperm Protein 17; Canine Sperm Protein 17 ELISA Kit; Sp17 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	25-500ng/mL
Sensitivity	1.0ng/mL
Intended Uses	This Sp17 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine Sp17. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Sp17 elisa kit

Principle of the Assay: Sp17 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-Sp17 antibody and an Sp17-HRP conjugate. The assay sample and buffer are incubated together with Sp17-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 Sp17 concentration since Sp17 from samples and Sp17-HRP conjugate compete for the anti-Sp17 antibody binding site. Since the number of sites is limited, as more sites are occupied by Sp17 from the sample, fewer sites are left to bind Sp17-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Sp17 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for Sp17 elisa kit

Cell Biology

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://www.aaabiotech.com/sp17-canine-elisa-kits/sperm-protein-17/89887>