

Canine Ubiquitin Specific Protease 6 ELISA Kit | USP6 elisa kit

Canine Ubiquitin Specific Protease 6 ELISA Kit

CATALOG #
AAA89617

REACTIVITY
Canine

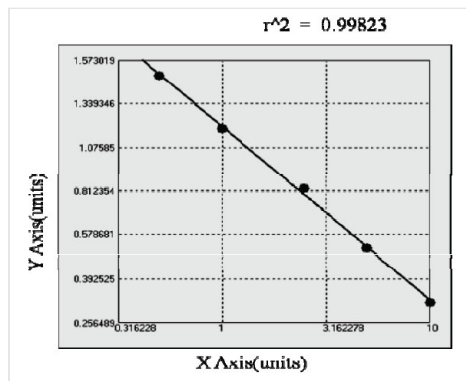
PRODUCT SYNONYMS

Ubiquitin Specific Protease 6; Canine Ubiquitin Specific Protease 6 ELISA Kit; USP6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This USP6 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine USP6. 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 USP6 elisa kit

Principle of the assay: USP6 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-USP6 antibody and an USP6-HRP conjugate. The assay sample and buffer are incubated together with USP6-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 USP6 concentration since USP6 from samples and USP6-HRP conjugate compete for the anti-USP6 antibody binding site. Since the number of sites is limited, as more sites are occupied by USP6 from the sample, fewer sites are left to bind USP6-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The USP6 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	28188763
Molecular Weight	89,577 Da
NCBI Official Full Name	ubiquitin specific protease 6, partial
UniProt Protein Name	Ubiquitin carboxyl-terminal hydrolase 6
UniProt Gene Name	USP6
UniProt Synonym Gene Names	HRP1; TRE2
UniProt Entry Name	UBP6_HUMAN

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/usp6-canine-elisa-kits/ubiquitin-specific-protease-6/89617>