

Canine Antioncogene p21 protein ELISA Kit | p21 elisa kit

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CATALOG #
AAA93171

REACTIVITY
Canine

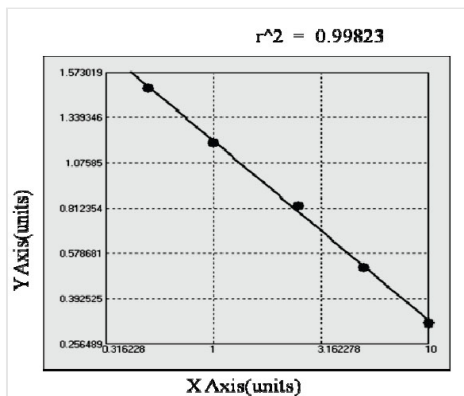
PRODUCT SYNONYMS

Antioncogene p21 protein; Canine Antioncogene p21 protein ELISA Kit; p21 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	2.5-50ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for p21 elisa kit

Principle of the assay: EDN1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-EDN1 antibody and an EDN1-HRP conjugate. The assay sample and buffer are incubated together with EDN1-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 EDN1 concentration since EDN1 from samples and EDN1-HRP conjugate compete for the anti-EDN1 antibody binding site. Since the number of sites is limited, as more sites are occupied by EDN1 from the sample, fewer sites are left to bind EDN1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The EDN1 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for p21 elisa kit

Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	453135
NCBI GeneID	1026
Molecular Weight	18,119 Da
NCBI Official Full Name	p21
NCBI Official Synonym Full Names	cyclin-dependent kinase inhibitor 1A (p21, Cip1)
NCBI Official Symbol	CDKN1A
NCBI Official Synonym Symbols	P21; CIP1; SDI1; WAF1; CAP20; CDKN1; MDA-6; p21CIP1
NCBI Protein Information	cyclin-dependent kinase inhibitor 1; DNA synthesis inhibitor; CDK-interacting protein 1; CDK-interaction protein 1; wild-type p53-activated fragment 1; melanoma differentiation associated protein 6
UniProt Protein Name	Cyclin-dependent kinase inhibitor 1
UniProt Gene Name	CDKN1A
UniProt Synonym Gene Names	CAP20; CDKN1; CIP1; MDA6; PIC1; SDI1; WAF1; MDA-6
UniProt Entry Name	CDN1A_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.

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Online datasheet: <https://stage.aaabiotech.com/canine-elisa-kits/antioncogene-p21-protein/93171>