

Mouse Activin A ELISA Kit | ACA-A elisa kit

Mouse Activin A ELISA Kit

CATALOG #
AAA83382

REACTIVITY
Mouse

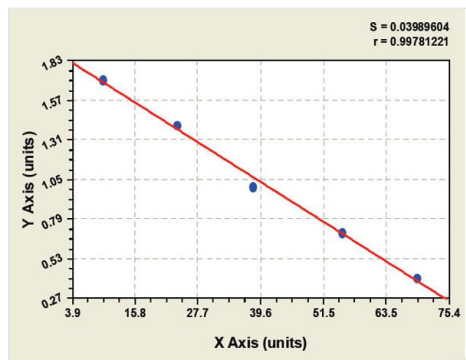
PRODUCT SYNONYMS

Activin A; Mouse Activin A ELISA Kit; ACA-A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	50-1000pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This ACTIVIN-A ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine ACTIVIN-A. 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 ACA-A elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	119614547
NCBI GeneID	3624
Molecular Weight	47,442 Da
NCBI Official Full Name	inhibin, beta A (activin A, activin AB alpha polypeptide), isoform CRA_a
NCBI Official Synonym Full Names	inhibin, beta A
NCBI Official Symbol	INHBA
NCBI Official Synonym Symbols	EDF; FRP
NCBI Protein Information	inhibin beta A chain; Inhibin, beta-1; activin beta-A chain; FSH-releasing protein; erythroid differentiation factor; erythroid differentiation protein; follicle-stimulating hormone-releasing protein; inhibin, beta A (activin A, activin AB alpha polypeptide)
UniProt Protein Name	Inhibin beta A chain
UniProt Gene Name	INHBA
UniProt Synonym Gene Names	EDF
UniProt Entry Name	INHBA_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/aca-a-mouse-elisa-kits/activin-a/83382>