

Dog Alpha-fetoprotein ELISA Kit | AFP elisa kit

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CATALOG #
AAA194145

REACTIVITY
Dog

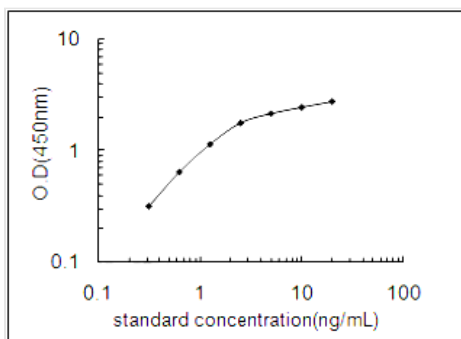
PRODUCT SYNONYMS

Alpha-fetoprotein; Dog Alpha-fetoprotein ELISA Kit; Alpha-1-fetoprotein; Alpha-fetoglobulin; AFP; AFP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Dog
Specificity	This assay recognizes recombinant and natural dog Alpha-fetoprotein. No significant cross-reactivity or interference was observed.
Sequence Length	609
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids
Detection Range	0.31 ng/mL -20.0 ng/mL
Sensitivity	<0.15 ng/mL.
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AFP elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of dog Alpha-fetoprotein concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Alpha-fetoprotein. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Alpha-fetoprotein and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Alpha-fetoprotein, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Alpha-fetoprotein in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	50978658
NCBI GeneID	403551
NCBI Accession #	NP_001003027.1
NCBI GenBank Nucleotide #	NM_001003027.1
UniProt Accession #	Q8MJU5
Molecular Weight	68,783 Da
NCBI Official Full Name	alpha-fetoprotein
NCBI Official Symbol	AFP
NCBI Protein Information	alpha-fetoprotein
UniProt Protein Name	Alpha-fetoprotein
UniProt Gene Name	AFP
UniProt Entry Name	FETA_CANLF

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/afp-dog-elisa-kits/alpha-fetoprotein/194145>