

Mouse Fibroblast Activation Protein Alpha (FAPa) ELISA Kit | FAPa elisa kit

Mouse Fibroblast Activation Protein Alpha (FAPa) ELISA Kit

CATALOG #
AAA64372

REACTIVITY
Mouse

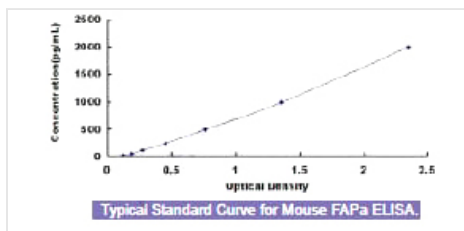
PRODUCT SYNONYMS

Fibroblast Activation Protein Alpha (FAPa); Mouse Fibroblast Activation Protein Alpha (FAPa) ELISA Kit; APCE; SIMP; DPPIV; Seprase; 170 kDa melanoma membrane-bound gelatinase; Post-proline cleaving enzyme; Serine integral membrane protease; Surface-expressed protease; FAPa elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of FAPa. No significant cross-reactivity or interference between FAPa and analogues was observed.
Sequence Length	761
Samples	Serum, plasma, tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	31.25-2000pg/mL
Sensitivity	13.5pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level FAPa were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level FAPa were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FAPa elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of FAPa in mouse serum, plasma, tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to FAPa. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to FAPa. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain FAPa, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of FAPa in the samples is then determined by comparing the O.D. of the samples to the standard curve.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	6679749
NCBI GeneID	14089
NCBI Accession #	NP_032012.1
NCBI GenBank Nucleotide #	NM_007986.3
UniProt Accession #	P97321
Molecular Weight	84,096 Da
NCBI Official Full Name	prolyl endopeptidase FAP
NCBI Official Synonym Full Names	fibroblast activation protein
NCBI Official Symbol	Fap
NCBI Official Synonym Symbols	SIMP
NCBI Protein Information	prolyl endopeptidase FAP
UniProt Protein Name	Prolyl endopeptidase FAP
UniProt Gene Name	Fap
UniProt Synonym Gene Names	APCE

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/mouse-elisa-kits/fibroblast-activation-protein-alpha-fapa/64372>