

Mouse Advillin (AVIL) ELISA Kit | AVIL elisa kit

Mouse Advillin (AVIL)(Sandwich ELISA) ELISA Kit

CATALOG # AAA150944	REACTIVITY Mouse	APPLICATIONS ELISA
-------------------------------	----------------------------	------------------------------

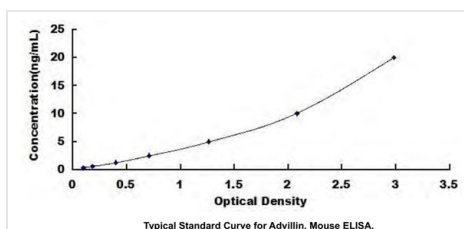
PRODUCT SYNONYMS

Advillin (AVIL); Mouse Advillin (AVIL)(Sandwich ELISA) ELISA Kit; ELISA Kit for Advillin (AVIL); AVIL/Advillin; ADVIL; p92; DOC6; AVIL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of advillin. No significant cross-reactivity or interference between advillin and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Mouse tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	0.312-20ng/mL
Sensitivity	< 0.114ng/mL
Applicable Applications for AVIL elisa kit	ELISA
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level advillin 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 advillin were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 4 degree C for 1 month; -20 degree C for long-term (within shelf life) The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AVIL elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to advillin. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to advillin. 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 advillin, 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 advillin in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of advillin in mouse tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Product Categories/Family for AVIL elisa kit	Tumor immunity; Infection immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	157951655
NCBI GeneID	11567
NCBI Accession #	NP_033765.2
NCBI GenBank Nucleotide #	NM_009635.3
UniProt Accession #	O88398; O70466; Q3U1K5
Molecular Weight	92,032 Da
NCBI Official Full Name	advillin
NCBI Official Synonym Full Names	advillin
NCBI Official Symbol	Avil
NCBI Official Synonym Symbols	DOC6; Advil
NCBI Protein Information	advillin; p92; actin-binding protein DOC6
UniProt Protein Name	Advillin
UniProt Gene Name	Avil
UniProt Synonym Gene Names	Advil
UniProt Entry Name	AVIL_MOUSE

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.