

Mouse Ki-67 Protein (Ki67P) ELISA Kit | Ki67P elisa kit

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CATALOG #
AAA66173

REACTIVITY
Mouse

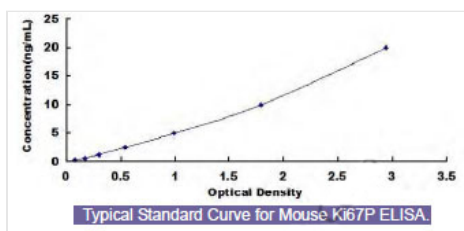
PRODUCT SYNONYMS

Ki-67 Protein (Ki67P); Mouse Ki-67 Protein (Ki67P) ELISA Kit; MKI67; KIA; Ki-67; Antigen Identified By Monoclonal Antibody Ki-67; Ki67P elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Ki67P. No significant cross-reactivity or interference between Ki67P and analogues was observed.
Sequence Length	3177
Samples	Tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.108ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Ki67P 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 Ki67P 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 Ki67P elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of Ki67P in mouse tissue homogenates, cell lysates, 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 Ki67P. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to Ki67P. 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 Ki67P, 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 Ki67P in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	169234624
NCBI GeneID	17345
NCBI Accession #	NP_001074586.2
NCBI GenBank Nucleotide #	NM_001081117.2
UniProt Accession #	E9PVX6; Q61769; Q7TSF6
Molecular Weight	324,718 Da
NCBI Official Full Name	proliferation marker protein Ki-67
NCBI Official Synonym Full Names	antigen identified by monoclonal antibody Ki 67
NCBI Official Symbol	Mki67
NCBI Official Synonym Symbols	Ki67; Ki-67; D630048A14Rik
NCBI Protein Information	proliferation marker protein Ki-67
UniProt Protein Name	Proliferation marker protein Ki-67
UniProt Gene Name	Mki67
UniProt Synonym Gene Names	Antigen Ki-67 homologCurated; Antigen Ki67 homologCurated

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.