

Mouse Splicing Factor 3B Subunit 3 (SF3B3) ELISA Kit | SF3B3 elisa kit

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CATALOG #
AAA138561

REACTIVITY
Mouse

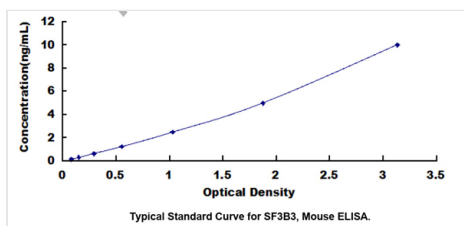
PRODUCT SYNONYMS

Splicing Factor 3B Subunit 3 (SF3B3); Mouse Splicing Factor 3B Subunit 3 (SF3B3) ELISA Kit; RSE1; SAP130; SF3b130; STAF130; Spliceosome-associated protein 130; Pre-mRNA-splicing factor SF3b 130 kDa subunit; SF3B3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of SF3B3. No significant cross-reactivity or interference between SF3B3 and analogues was observed.
Sequence Length	399
Assay Type	Quantitative Sandwich
Samples	Mouse tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.055ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level SF3B3 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 SF3B3 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	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 SF3B3 elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to SF3B3. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to SF3B3. 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 SF3B3, 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 SF3B3 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 SF3B3 in mouse tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Product Categories/Family for SF3B3 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	54112121
NCBI GeneID	23450
NCBI Accession #	NP_036558.3
NCBI GenBank Nucleotide #	NM_012426.4
UniProt Accession #	Q15393; Q6NTI8; Q96GC0; Q9BPY2; Q9UFX7; Q9UJ29
Molecular Weight	44,606 Da
NCBI Official Full Name	splicing factor 3B subunit 3
NCBI Official Synonym Full Names	splicing factor 3b, subunit 3, 130kDa
NCBI Official Symbol	SF3B3
NCBI Official Synonym Symbols	RSE1; SAP130; SF3b130; STAF130
NCBI Protein Information	splicing factor 3B subunit 3
UniProt Protein Name	Splicing factor 3B subunit 3
UniProt Gene Name	SF3B3
UniProt Synonym Gene Names	KIAA0017; SAP130; SF3b130; SAP 130
UniProt Entry Name	SF3B3_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.