

Human Suppressor Of Zeste 12 Homolog (SUZ12) ELISA Kit | SUZ12 elisa kit

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CATALOG #
AAA187830

REACTIVITY
Human

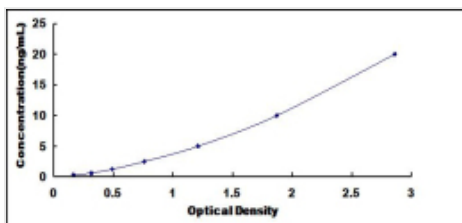
PRODUCT SYNONYMS

Suppressor Of Zeste 12 Homolog (SUZ12); Human Suppressor Of Zeste 12 Homolog (SUZ12) ELISA Kit; CHET9; JJAZ1; Chromatin precipitated E2F target 9 protein; Joined to JAZF1 protein; SUZ12 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Suppressor Of Zeste 12 Homolog (SUZ12). No significant cross-reactivity or interference between Suppressor Of Zeste 12 Homolog (SUZ12) and analogues was observed.
Sequence Length	739
Assay Type	Double-antibody Sandwich
Samples	Tissue Homogenates and Other Biological Fluids
Detection Range	0.312-20ng/mL
Sensitivity	< 0.113ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Suppressor Of Zeste 12 Homolog (SUZ12) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Suppressor Of Zeste 12 Homolog (SUZ12) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
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 SUZ12 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Suppressor Of Zeste 12 Homolog (SUZ12). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Suppressor Of Zeste 12 Homolog (SUZ12). 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 Suppressor Of Zeste 12 Homolog (SUZ12), 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 Suppressor Of Zeste 12 Homolog (SUZ12) 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 #	119600664
NCBI GeneID	23512
UniProt Accession #	Q15022; Q96BD9
Molecular Weight	83,055 Da
NCBI Official Full Name	suppressor of zeste 12 homolog (Drosophila)
NCBI Official Synonym Full Names	SUZ12 polycomb repressive complex 2 subunit
NCBI Official Symbol	SUZ12
NCBI Official Synonym Symbols	CHET9; JJAZ1
NCBI Protein Information	polycomb protein SUZ12
UniProt Protein Name	Polycomb protein SUZ12
UniProt Gene Name	SUZ12
UniProt Synonym Gene Names	CHET9; JJAZ1; KIAA0160; ChET 9 protein

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://stage.aaabiotech.com/human-elisa-kits/suppressor-of-zeste-12-homolog-suz12/187830>