

Human Polycomb Protein SUZ12 (SUZ12) ELISA Kit | SUZ12 elisa kit

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CATALOG #
AAA330622

REACTIVITY
Human

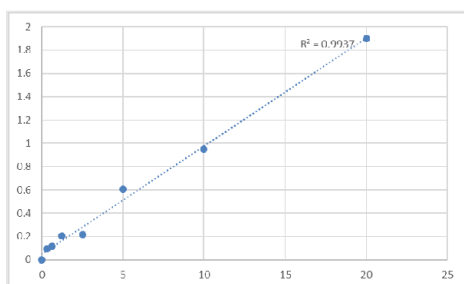
PRODUCT SYNONYMS

Polycomb Protein SUZ12 (SUZ12); Human Polycomb Protein SUZ12 (SUZ12) ELISA Kit; SUZ12; CHET9; JJAZ1; KIAA0160; joined to JAZF1; SUZ12 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Polycomb protein SUZ12 (SUZ12) ELISA Kit has high sensitivity and excellent specificity for detection of Human SUZ12. No significant cross-reactivity or interference between Human SUZ12 and analogues was observed.
Sequence Length	688
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Polycomb protein SUZ12 (SUZ12) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for SUZ12 elisa kit	Description: This Human Polycomb protein SUZ12 (SUZ12) ELISA Kit employs a two-site sandwich ELISA to quantitate SUZ12 in samples. An antibody specific for SUZ12 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SUZ12 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SUZ12 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of SUZ12 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: SUZ12 has been identified at the breakpoints of a recurrent chromosomal translocation reported in endometrial stromal sarcoma. The protein encoded by this gene contains a zinc finger domain in the C terminus of the coding region. The specific function of this gene has not yet been determined.Suz12 mutants exhibited very strong homeotic transformations and that Suz12 function is required throughout development to maintain the repressed state of Hox genes in Drosophila. Unlike most other Polycomb group mutations, Suz12 mutations are strong suppressors of position-effect variegation, suggesting that Suz12 also functions in heterochromatin-mediated repression. Furthermore, Suz12 function is required for germ cell development. The SUZ12 protein is highly conserved in vertebrates and is also related to several Arabidopsis proteins.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	119600664
NCBI GeneID	23512
UniProt Accession #	Q15022
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
UniProt Entry Name	SUZ12_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.