

Human Protein eyes shut homolog (EYS) ELISA Kit | EYS elisa kit

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CATALOG # AAA56049	REACTIVITY Human
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PRODUCT SYNONYMS

Protein eyes shut homolog (EYS); Human Protein eyes shut homolog (EYS) ELISA Kit; RP1-22117.2; C6orf178; C6orf179; C6orf180; EGFL10; EGFL11; KIAA0663; RP25; SPAM; bA166P24.2; bA307F22.3; bA74E24.1; dJ1018A4.2; dJ22117.2; dJ303F19.1; EGF-like-domain; multiple 10; m; EYS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human EYS. No significant cross-reactivity or interference between Human EYS and analogues was observed.
Sequence Length	3144
Samples	Serum, plasma, tissue homogenates and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	62.5 pg/mL - 4000 pg/mL
Sensitivity	31.25 pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for EYS elisa kit	Intended Uses: For the quantitative detection of Human Protein eyes shut homolog (EYS) concentration in serum, plasma, tissue homogenates and other biological fluids. Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate EYS in Human serum, plasma, tissue homogenates. An antibody specific for EYS has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any EYS present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for EYS 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 EYS bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	224451128
NCBI GeneID	346007
NCBI Accession #	NP_001136272.1
NCBI GenBank Nucleotide #	NM_001142800.1

UniProt Accession #	Q5T1H1; Q5SZM4; Q5T3C8; Q5T669; A2RUR2; A8MVE7; B7TYK8; B7UUQ3; B7ZBE7; B7ZBE8; B7ZBR3; B9ZVD2
Molecular Weight	69,877 Da
NCBI Official Full Name	protein eyes shut homolog isoform 1
NCBI Official Synonym Full Names	eyes shut homolog (Drosophila)
NCBI Official Symbol	EYS
NCBI Official Synonym Symbols	RP25; SPAM; EGFL10; EGFL11; C6orf178; C6orf179; C6orf180; bA74E24.1; dJ22I17.2; bA166P24.2; bA307F22.3; dJ1018A4.2; dJ303F19.1
NCBI Protein Information	protein eyes shut homolog
UniProt Protein Name	Protein eyes shut homolog
UniProt Gene Name	EYS
UniProt Synonym Gene Names	C6orf178; C6orf179; C6orf180; EGFL10; EGFL11; SPAM; EGF-like protein 10; EGF-like protein 11

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://www.aaabiotech.com/human-elisa-kits/protein-eyes-shut-homolog-eyes/56049>