

Human Sequestosome-1 (SQSTM1) ELISA Kit | SQSTM1 elisa kit

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CATALOG #
AAA330571

REACTIVITY
Human

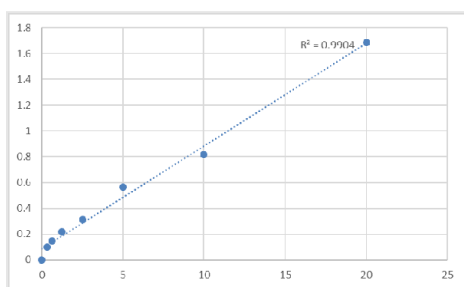
PRODUCT SYNONYMS

Sequestosome-1 (SQSTM1); Human Sequestosome-1 (SQSTM1) ELISA Kit; SQSTM1; A170; OSIL; PDB3; ZIP3; p60; p62; p62B; EBI3-associated protein p60; oxidative stress induced like; phosphotyrosine independent ligand for the Lck SH2 domain p62; ubiquitin-binding protein p62; SQSTM1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Sequestosome-1 (SQSTM1) ELISA Kit has high sensitivity and excellent specificity for detection of Human SQSTM1. No significant cross-reactivity or interference between Human SQSTM1 and analogues was observed.
Sequence Length	440
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 Sequestosome-1 (SQSTM1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for SQSTM1 elisa kit	Description: This Human Sequestosome-1 (SQSTM1) ELISA Kit employs a two-site sandwich ELISA to quantitate SQSTM1 in samples. An antibody specific for SQSTM1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SQSTM1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SQSTM1 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 SQSTM1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: The Src homology type 2 (SH2) domain is a highly conserved motif of about 100 amino acids which mediates protein-protein interactions by binding to phosphotyrosine. p56-lck, a T-cell-specific src family tyrosine kinase with an SH2 domain, is involved in T-cell signal transduction. A 62-kD protein (Phosphotyrosine-independent ligand for the Lck SH2 domain of 62 kDa) was identified by Park et al. (1995) as a ligand of the p56-lck SH2 domain. Gong et al. (1999) screened a yeast 2-hybrid library made from rat hippocampal mRNA against full-length Kv-beta-2. Two previously unknown interacting proteins were identified, one of which was identical to Zip (PKC-zeta)-interacting protein), the rat homolog of p62. Zip1 and Zip2, which arise from alternative splicing, are identical except for 27 residues missing from Zip2.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	74735628
NCBI GeneID	8878
UniProt Accession #	Q13501
NCBI Official Full Name	Sequestosome-1
NCBI Official Synonym Full Names	sequestosome 1
NCBI Official Symbol	SQSTM1
NCBI Official Synonym Symbols	p60; p62; A170; DMRV; OSIL; PDB3; ZIP3; p62B; NADGP; FTDALS3
NCBI Protein Information	sequestosome-1
UniProt Protein Name	Sequestosome-1
UniProt Gene Name	SQSTM1
UniProt Synonym Gene Names	ORCA; OSIL; EBIAP; p60
UniProt Entry Name	SQSTM_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.