

Mouse kelch-like ECH-associated protein 1 ELISA Kit | KEAP1 elisa kit

Mouse Kelch-like ECH-associated protein 1, KEAP1 ELISA Kit

CATALOG #
AAA18207

REACTIVITY
Mouse

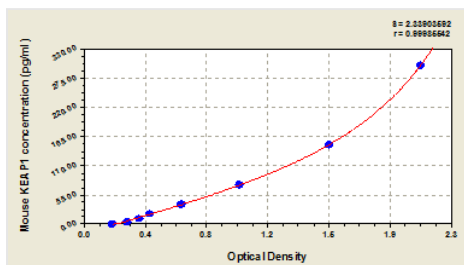
PRODUCT SYNONYMS

kelch-like ECH-associated protein 1; Mouse Kelch-like ECH-associated protein 1; KEAP1 ELISA Kit; Mouse Kelch-like ECH-associated protein 1 (KEAP1) ELISA kit; INrf2; KIAA0132; KLHL19; MGC10630; MGC1114; MGC20887; MGC4407; MGC9454; cytosolic inhibitor of Nrf2; KEAP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse KEAP1. No significant cross-reactivity or interference between mouse KEAP1 and analogues was observed.
Sequence Length	624
Samples	Serum, plasma, tissue homogenates, cell lysates.
Assay Type	Sandwich (Quantitative)
Detection Range	4.7 pg/ml-300 pg/ml.
Sensitivity	1.17 pg/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for KEAP1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for KEAP1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any KEAP1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for KEAP1 is added to the wells. After washing, avidin 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 KEAP1 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 #	160333659
NCBI GeneID	50868
NCBI Accession #	NP_001103775.1
NCBI GenBank Nucleotide #	NM_001110305.1
UniProt Accession #	Q9Z2X8; Q3U243; Q3U8N7; Q547S3; Q6ZQI6; Q8BQY3
Molecular Weight	69,553 Da
NCBI Official Full Name	kelch-like ECH-associated protein 1
NCBI Official Synonym Full Names	kelch-like ECH-associated protein 1
NCBI Official Symbol	Keap1
NCBI Official Synonym Symbols	INRF2; mKIAA0132
NCBI Protein Information	kelch-like ECH-associated protein 1; ring canal protein; NRF2 cytosolic inhibitor; cytosolic inhibitor of Nrf2
UniProt Protein Name	Kelch-like ECH-associated protein 1
UniProt Gene Name	Keap1
UniProt Synonym Gene Names	Inrf2; Kiaa0132; INrf2
UniProt Entry Name	KEAP1_MOUSE

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/keap1-mouse-elisa-kits/kelch-like-ech-associated-protein-1/18207>