

Mouse paired box 6 ELISA Kit | PAX6 elisa kit

Mouse paired box 6, PAX6 ELISA Kit

CATALOG #
AAA18043

REACTIVITY
Mouse

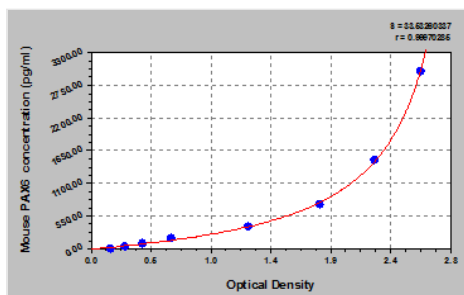
PRODUCT SYNONYMS

paired box 6; Mouse paired box 6; PAX6 ELISA Kit; Mouse paired box 6 (PAX6) ELISA kit; AN; AN2; D11S812E; MGC17209; MGDA; WAGR; OTTHUMP00000038834; THUMP00000038836; THUMP00000038837; THUMP00000038838; TTHUMP00000038839; THUMP00000038840; aired box gene 6; PAX6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse PAX6. No significant cross-reactivity or interference between mouse PAX6 and analogues was observed.
Sequence Length	436
Samples	Serum, plasma, tissue homogenates.
Assay Type	Sandwich
Detection Range	46.88 pg/ml -3000 pg/ml.
Sensitivity	11.72 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 PAX6 elisa kit	Principle of the Assay This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for PAX6 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PAX6 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PAX6 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 PAX6 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 #	346644677
NCBI GeneID	18508
NCBI Accession #	NP_001231127.1
NCBI GenBank Nucleotide #	NM_001244198.1
UniProt Accession #	P63015; P32117; P70601; Q3UTV5; Q62222; Q64037; Q8CEI5; Q8VDB5; Q921Q8
Molecular Weight	46,683 Da
NCBI Official Full Name	paired box protein Pax-6 isoform 1
NCBI Official Synonym Full Names	paired box 6
NCBI Official Symbol	Pax6
NCBI Official Synonym Symbols	Dey; Sey; AEY11; Pax-6; Gsfaey11; 1500038E17Rik
NCBI Protein Information	paired box protein Pax-6; small eye; oculorhombin; paired box gene 6; Dickie's small eye
UniProt Protein Name	Paired box protein Pax-6
UniProt Gene Name	Pax6
UniProt Synonym Gene Names	Pax-6; Sey
UniProt Entry Name	PAX6_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://stage.aaabiotech.com/pax6-mouse-elisa-kits/paired-box-6/18043>