

Rat Paired Box Gene 6 (PAX6) RTU ELISA Kit | PAX6 rtu elisa kit

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CATALOG #
AAA217646

REACTIVITY
Rat

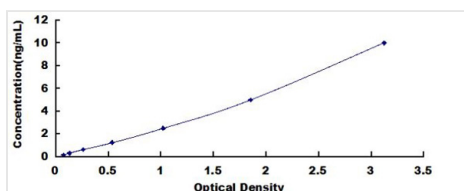
PRODUCT SYNONYMS

Paired Box Gene 6 (PAX6); Rat Paired Box Gene 6 (PAX6) ELISA Kit; AN; AN2; MGDA; WAGR; Oculorhombin; Aniridia; Keratitis; Aniridia type II protein; PAX6 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	422
Assay Type	Sandwich
Samples	Tissue Homogenates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.057ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PAX6 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PAX6. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to PAX6. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain PAX6, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of PAX6 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6981334
NCBI GeneID	25509
NCBI Accession #	NP_037133.1
NCBI GenBank Nucleotide #	NM_013001.2
UniProt Accession #	P63016; P32117; P70601; Q62222; Q64037; Q6QHS5; Q701Q8; A1A5N7
Molecular Weight	48,263 Da
NCBI Official Full Name	paired box protein Pax-6
NCBI Official Synonym Full Names	paired box 6
NCBI Official Symbol	Pax6
NCBI Protein Information	paired box protein Pax-6
UniProt Protein Name	Paired box protein Pax-6
UniProt Gene Name	Pax6
UniProt Synonym Gene Names	Pax-6; Sey

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/rat-rtu-elisa-kits/paired-box-gene-6-pax6/217646>