

Mouse Paired box gene 9 ELISA Kit | PAX9 elisa kit

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CATALOG #
AAA95330

REACTIVITY
Mouse

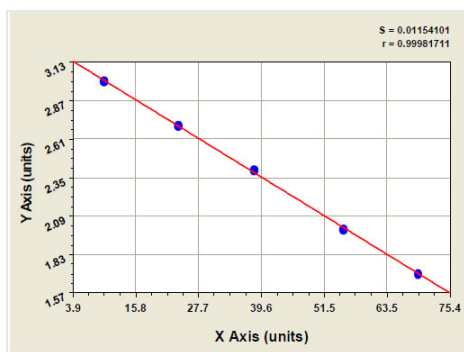
PRODUCT SYNONYMS

Paired box gene 9; Mouse Paired box gene 9 ELISA Kit; PAX9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Intended Uses	This PAX9 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse PAX9. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PAX9 elisa kit

Principle of the assay: PAX9 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-PAX9 antibody and an PAX9-HRP conjugate. The assay sample and buffer are incubated together with PAX9-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the PAX9 concentration since PAX9 from samples and PAX9-HRP conjugate compete for the anti-PAX9 antibody binding site. Since the number of sites is limited, as more sites are occupied by PAX9 from the sample, fewer sites are left to bind PAX9-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PAX9 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	119586257
NCBI GeneID	5083
Molecular Weight	36,310 Da
NCBI Official Full Name	paired box gene 9
NCBI Official Synonym Full Names	paired box 9
NCBI Official Symbol	PAX9
NCBI Official Synonym Symbols	STHAG3
NCBI Protein Information	paired box protein Pax-9; paired domain gene 9
UniProt Protein Name	Paired box protein Pax-9
UniProt Gene Name	PAX9
UniProt Entry Name	PAX9_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.

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Online datasheet: <https://stage.aaabiotech.com/pax9-mouse-elisa-kits/paired-box-gene-9/95330>