

Rat Homeobox protein OTX2 ELISA Kit | Otx2 elisa kit

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CATALOG #
AAA56097

REACTIVITY
Rat

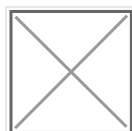
PRODUCT SYNONYMS

Homeobox protein OTX2; Rat Homeobox protein OTX2 ELISA Kit; Otx2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat Homeobox protein OTX2. No significant cross-reactivity or interference was observed.
Sequence Length	297
Assay Type	Sandwich
Detection Range	0.312-20 ng/ml
Sensitivity	0.164 ng/mL
Intra-Assay CV	<=4.8%
Inter-Assay CV	<=6.9%
Recovery	96%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Otx2 elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Homeobox protein OTX2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Homeobox protein OTX2 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Homeobox protein OTX2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Homeobox protein OTX2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

3024325

UniProt Accession #	Q64201
Molecular Weight	7,139 Da
NCBI Official Full Name	Homeobox protein OTX2
UniProt Protein Name	Homeobox protein OTX2
UniProt Gene Name	Otx2
UniProt Entry Name	OTX2_RAT

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/rat-elisa-kits/homeobox-protein-otx2/56097>