

Mouse Serine/Threonine-Protein Kinase TAO3 (TAOK3) ELISA Kit | TAOK3 elisa kit

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CATALOG #
AAA332348

REACTIVITY
Mouse

PRODUCT SYNONYMS

Serine/Threonine-Protein Kinase TAO3 (TAOK3); Mouse Serine/Threonine-Protein Kinase TAO3 (TAOK3) ELISA Kit; TAOK3; DKFZp666H245; DPK; FLJ31808; JIK; MAP3K18; STE20-like kinase; TAOK3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse Serine/threonine-protein kinase TAO3 (TAOK3) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse TAOK3. No significant cross-reactivity or interference between Mouse TAOK3 and analogues was observed.
Sequence Length	898
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Mouse Serine/threonine-protein kinase TAO3 (TAOK3) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TAOK3 elisa kit	Description: This Mouse Serine/threonine-protein kinase TAO3 (TAOK3) ELISA Kit employs a two-site sandwich ELISA to quantitate TAOK3 in samples. An antibody specific for TAOK3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TAOK3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TAOK3 is added to the wells. After washing, Streptavidin 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 TAOK3 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: The protein encoded by TAOK3 is a serine/threonine protein kinase that activates the p38/MAPK14 stress-activated MAPK cascade but inhibits the basal activity of the MAPK8/JNK cascade. The encoded protein is a member of the GCK subfamily of STE20-like kinases.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	187957456
NCBI GeneID	330177
UniProt Accession #	Q8BYC6
NCBI Official Full Name	Taok3 protein
NCBI Official Synonym Full Names	TAO kinase 3
NCBI Official Symbol	Taok3
NCBI Official Synonym Symbols	A130052D22; 2900006A08Rik; A430105I05Rik
NCBI Protein Information	serine/threonine-protein kinase TAO3
UniProt Protein Name	Serine/threonine-protein kinase TAO3
UniProt Gene Name	Taok3

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.