

Human Dual Serine/Threonine And Tyrosine Protein Kinase (DSTYK) ELISA Kit | DSTYK elisa kit

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CATALOG #
AAA68548

REACTIVITY
Human

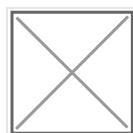
PRODUCT SYNONYMS

Dual Serine/Threonine And Tyrosine Protein Kinase (DSTYK); Human Dual Serine/Threonine And Tyrosine Protein Kinase (DSTYK) ELISA Kit; RIPK5; Dusty PK; RIP5; SgK496; Receptor Interacting Protein Kinase 5; RIP-homologous kinase; Sugen kinase 496; Receptor-interacting serine/threonine-protein kinase 5; DSTYK elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of DSTYK. No significant cross-reactivity or interference between DSTYK and analogues was observed.
Sequence Length	929
Samples	Tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	<0.055ng/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level DSTYK were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level DSTYK were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DSTYK elisa kit

Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of DSTYK in human tissue homogenates or other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to DSTYK. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to DSTYK. 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 DSTYK, 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 +/- 10nm. The concentration of DSTYK in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	40806179
NCBI GeneID	25778
NCBI Accession #	NP_056190.1
NCBI GenBank Nucleotide #	NM_015375.2
UniProt Accession #	Q6XUX3; O75060; Q17R94; Q5RKT0; Q6IN87; Q6P997; Q86Y03; Q9P1S5; B7ZL64
Molecular Weight	20,769 Da
NCBI Official Full Name	dual serine/threonine and tyrosine protein kinase isoform 1
NCBI Official Synonym Full Names	dual serine/threonine and tyrosine protein kinase
NCBI Official Symbol	DSTYK
NCBI Official Synonym Symbols	RIP5; RIPK5; SPG23; CAKUT1; DustyPK; HDCMD38P
NCBI Protein Information	dual serine/threonine and tyrosine protein kinase
UniProt Protein Name	Dual serine/threonine and tyrosine protein kinase
UniProt Gene Name	DSTYK
UniProt Synonym Gene Names	KIAA0472; RIP5; RIPK5; SGK496; Dusty PK; SgK496

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/human-elisa-kits/dual-serine-threonine-and-tyrosine-protein-kinase-dstyk/68548>