

Mouse Hematopoietic cell signal transducer (HCST) ELISA Kit | HCST elisa kit

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CATALOG #
AAA246660

REACTIVITY
Mouse

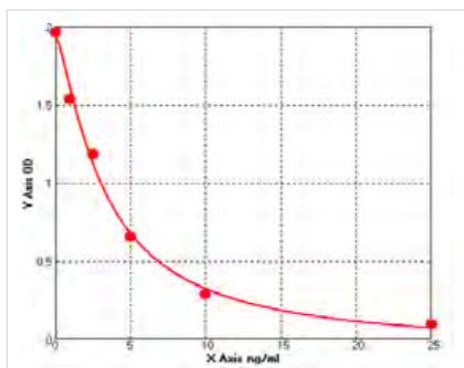
PRODUCT SYNONYMS

Hematopoietic cell signal transducer (HCST); Mouse Hematopoietic cell signal transducer (HCST) ELISA Kit; HCST elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of HCST. No significant cross-reactivity or interference between HCST and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between HCST and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HCST elisa kit	Principle of the Assay: HCST ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-HCST antibody and an HCST-HRP conjugate. The assay sample and buffer are incubated together with HCST-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 HCST concentration since HCST from samples and HCST-HRP conjugate compete for the anti-HCST antibody binding site. Since the number of sites is limited, as more sites are occupied by HCST from the sample, fewer sites are left to bind HCST-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The HCST concentration in each sample is interpolated from this standard curve. Intended Uses: This HCST ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse HCST. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for HCST elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	40807163
NCBI GeneID	10870
Molecular Weight	9,360 Da
NCBI Official Full Name	Hematopoietic cell signal transducer
NCBI Official Synonym Full Names	hematopoietic cell signal transducer
NCBI Official Symbol	HCST
NCBI Official Synonym Symbols	DAP10; KAP10; PIK3AP
NCBI Protein Information	hematopoietic cell signal transducer; kinase assoc protein; membrane protein DAP10; DNAX-activation protein 10; kinase assoc pro of ~10kDa; transmembrane adapter protein KAP10; phosphoinositide-3-kinase adaptor protein
UniProt Protein Name	Hematopoietic cell signal transducer
UniProt Gene Name	HCST
UniProt Synonym Gene Names	DAP10; KAP10; PIK3AP; UNQ587/PRO1157
UniProt Entry Name	HCST_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://www.aaabiotech.com/mouse-elisa-kits/hematopoietic-cell-signal-transducer-hcst/246660>