

Mouse Destrin (DSTN) ELISA Kit | DSTN elisa kit

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CATALOG #
AAA246270

REACTIVITY
Mouse

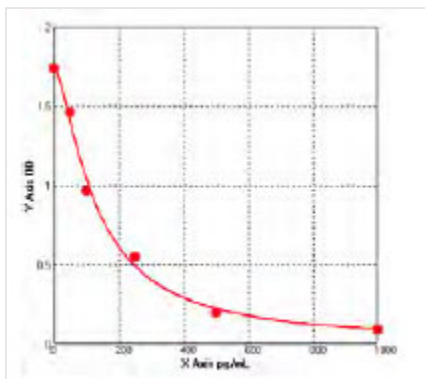
PRODUCT SYNONYMS

Destrin (DSTN); Mouse Destrin (DSTN) ELISA Kit; DSTN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of DSTN. No significant cross-reactivity or interference between DSTN and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between DSTN and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	51592111
NCBI GeneID	445516
NCBI Accession #	NP_001004031.1
NCBI GenBank Nucleotide #	NM_001004031.1
Molecular Weight	18,506 Da
NCBI Official Full Name	destrin
NCBI Official Symbol	DSTN
NCBI Protein Information	destrin; ADF; actin-depolymerizing factor
UniProt Protein Name	Destrin
UniProt Gene Name	DSTN
UniProt Synonym Gene Names	DSN; ADF
UniProt Entry Name	DEST_PIG

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/destrin-dstn/246270>