

Human Isodesmosine (IDES) ELISA Kit | IDES elisa kit

Human Isodesmosine, IDES ELISA Kit

CATALOG #
AAA15294

REACTIVITY
Human

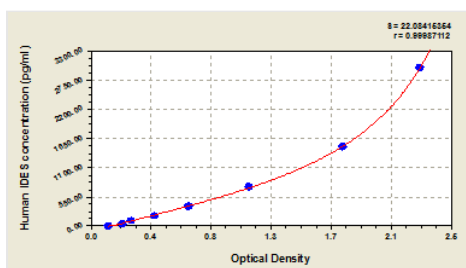
PRODUCT SYNONYMS

Isodesmosine (IDES); Human Isodesmosine; IDES ELISA Kit; Human Isodesmosine (IDES) ELISA Kit; IDES elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human IDES. No significant cross-reactivity or interference between human IDES and analogues was observed.
Sequence Length	341
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, urine and tissue homogenates
Detection Range	47 pg/ml-3000 pg/ml
Sensitivity	< 11.75 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IDES elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for IDES has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IDES present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IDES is added to the wells. After washing, avidin 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 IDES bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	383493762
NCBI Accession #	YP_005411438.1
NCBI GenBank Nucleotide #	NC_017053.1
UniProt Accession #	H8HDR0
Molecular Weight	38,324 Da
NCBI Official Full Name	immunoglobulin G-endopeptidase protein IdeS
UniProt Protein Name	Immunoglobulin G-endopeptidase protein IdeS
UniProt Gene Name	ideS
UniProt Synonym Gene Names	MGAS1882_0690
UniProt Entry Name	H8HDR0_STRPY

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/isodesmosine-ides/15294>