

Human histidyl-tRNA synthetase ELISA Kit | HARS elisa kit

Human Histidyl-tRNA synthetase, cytoplasmic, HARS ELISA Kit

CATALOG #
AAA18028

REACTIVITY
Human

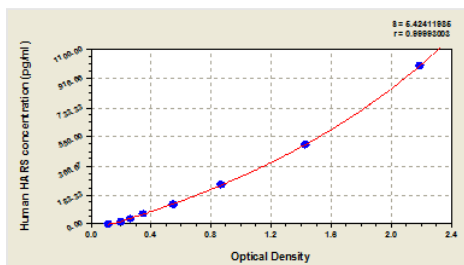
PRODUCT SYNONYMS

histidyl-tRNA synthetase; Human Histidyl-tRNA synthetase; cytoplasmic; HARS ELISA Kit; cytoplasmic (HARS) ELISA kit; FLJ20491; HRS; HisRS; histidine tRNA ligase 1; histidine transase; histidine-tRNA ligase; HARS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human HARS. No significant cross-reactivity or interference between human HARS and analogues was observed.
Sequence Length	469
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	15.6 pg/ml-1000 pg/ml
Sensitivity	< 3.9 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 HARS elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for HARS has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any HARS present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for HARS 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 HARS bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	384475552
NCBI GeneID	3035
NCBI Accession #	NP_001244969.1
NCBI GenBank Nucleotide #	NM_001258040.2
UniProt Accession #	P12081; B4DHQ1; B4DY73; D6REN6; J3KNE5
Molecular Weight	57,411 Da
NCBI Official Full Name	histidine--tRNA ligase, cytoplasmic isoform 2
NCBI Official Synonym Full Names	histidyl-tRNA synthetase
NCBI Official Symbol	HARS
NCBI Official Synonym Symbols	HRS; USH3B
NCBI Protein Information	histidine--tRNA ligase, cytoplasmic; HisRS; histidine transase
UniProt Protein Name	Histidine--tRNA ligase, cytoplasmic
UniProt Gene Name	HARS
UniProt Synonym Gene Names	HRS; HisRS
UniProt Entry Name	SYHC_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/hars-human-elisa-kits/histidyl-trna-synthetase/18028>