

Human soluble transferrin receptor, sTfR ELISA Kit | sTfR elisa kit

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CATALOG #
AAA80700

REACTIVITY
Human

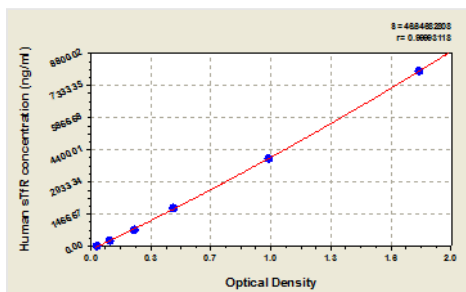
PRODUCT SYNONYMS

soluble transferrin receptor; sTfR; Human soluble transferrin receptor; sTfR ELISA Kit; sTfR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human sTfR. No significant cross-reactivity or interference between human sTfR and analogues was observed.
Sequence Length	92
Samples	Serum, plasma
Assay Type	Sandwich
Detection Range	250 ng/ml - 8000 ng/ml.
Sensitivity	The minimum detectable dose of human sTfR is typically less than 125 ng/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest human sTfR concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<15%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<15%. 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 sTfR elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for sTfR has been pre-coated onto a microplate. Standards and samples are pipetted into the wells with a Horseradish Peroxidase (HRP) conjugated antibody specific for sTfR. Following a wash to remove any unbound reagent, a substrate solution is added to the wells and color develops in proportion to the amount of sTfR 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 #	386704715
NCBI Accession #	YP_006168562.1
NCBI GenBank Nucleotide #	NC_017663.1
UniProt Accession #	H9US99
Molecular Weight	8,975 Da
NCBI Official Full Name	Prophage tail fiber domain protein
UniProt Protein Name	Prophage tail fiber domain protein
UniProt Gene Name	stfR
UniProt Synonym Gene Names	P12B_c1531
UniProt Entry Name	H9US99_ECOLX

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/soluble-transferrin-receptor-stfr/80700>