

Rat soluble transferrin receptor (sTfR) ELISA Kit | sTfR elisa kit

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CATALOG #
AAA55034

REACTIVITY
Rat

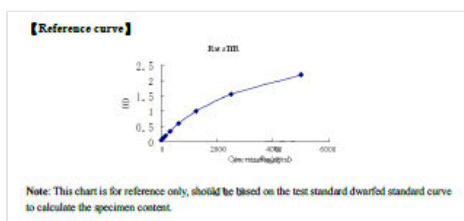
PRODUCT SYNONYMS

soluble transferrin receptor (sTfR); Rat soluble transferrin receptor (sTfR) ELISA Kit; sTfR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	No cross-reaction with other factors.
Sequence Length	1120
Samples	Serum, plasma or cell culture supernatant
Assay Type	Quantitative Sandwich
Detection Range	5000 ng/ml-78 ng/ml
Sensitivity	20 ng/ml.
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for sTfR elisa kit	Principle of the Assay: This experiment use double-sandwich elisa technique and the ELISA Kit provided is typical. The pre-coated antibody is Rat sTfR monoclonal antibody and the detecting antibody is polyclonal antibody with biotin labeled. Samples and biotin labeling antibody are added into ELISA plate wells and washed out with PBS or TBS. Then Avidin-peroxidase conjugates are added to ELISA wells in order; Use TMB substrate for coloring after reactant thoroughly washed out by PBS or TBS. TMB turns into blue in peroxidase catalytic and finally turns into yellow under the action of acid. The color depth and the testing factors in samples are positively correlated.
References	Hepcidin is directly regulated by insulin and plays an important role in iron overload in streptozotocin-induced diabetic rats. Heyang Wang, Hongxia Li, Xin Jiang, Wencai Shi, Zhilei Shen and Min Li (2014)

NCBI AND UNIPROT INFORMATION

NCBI GI #	12643676
NCBI GeneID	12931177
NCBI Official Full Name	Side tail fiber protein homolog from lambdoid prophage Rac
NCBI Official Symbol	stfR
NCBI Protein Information	tail fiber protein

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/rat-elisa-kits/soluble-transferrin-receptor-stfr/55034>