

Human sST2 ELISA Kit | sST2 elisa kit

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CATALOG #
AAA282455

REACTIVITY
Human

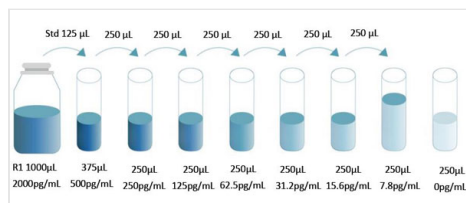
PRODUCT SYNONYMS

sST2; Human sST2 ELISA Kit; sST2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	The factors listed below were prepared at 10 ng/mL and assayed for cross-reactivity.
Assay Type	Quantitative Sandwich
Detection Range	7.8-500pg/mL
Sensitivity	< 5.47pg/mL
Intra-assay Precision	Intra-plate Precision 3 samples with low, middle and high level sST2 were tested 16 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-plate Precision 3 samples with low, middle and high level sST2 were tested on 3 different plates, 16 replicates in each plate. Inter-Assay: CV<15%
Preparation and Storage	Ship: Ice Pack

IMAGES



Application Data

ADDITIONAL INFORMATION

Related Product Information for sST2 elisa kit

Background: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of sST2 in human serum, plasma, cell culture supernatants and other biological fluids.

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. An antibody specific for human sST2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any sST2 present is bound by the immobilized antibody. After washing away any unbound substances, and then a detection antibody specific for sST2 is added to the wells and binds to the combination of capture antibody sST2 in sample. Following a wash to remove any unbound combination, and enzyme conjugate is added to the wells. Following incubation and wash steps, a substrate solution is added to the wells and color develops in proportion to the amount of sST2 bound in the initial step. The color development is stopped and the absorbance is measured.

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.

