

Rat SDF-1alpha ELISA Kit | SDF-1alpha elisa kit

Rat SDF-1alpha (Stromal Cell Derived Factor 1alpha) ELISA Kit

CATALOG #
AAA165810

REACTIVITY
Rat

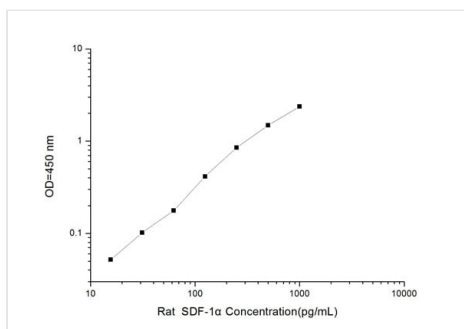
PRODUCT SYNONYMS

SDF-1alpha; Rat SDF-1alpha (Stromal Cell Derived Factor 1alpha) ELISA Kit; SDF-1alpha elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes natural and recombinant Rat SDF-1alpha. No significant cross-reactivity or interference between Rat SDF-1alpha and analogues was observed.
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	15.625-1000pg/mL
Sensitivity	Min: 9.375pg/mL; Max: 1000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SDF-1alpha elisa kit

Intended Uses: This ELISA kit applies to the invitro quantitative determination of Rat SDF-1alpha concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to SDF-1alpha. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for SDF-1alpha and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain SDF-1alpha, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of SDF-1alpha. You can calculate the concentration of SDF-1alpha in the samples by comparing the OD of the samples to the standard curve.

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/rat-elisa-kits/sdf-1alpha/165810>