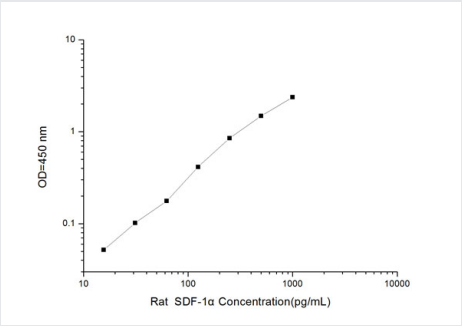
SDF-1alpha ELISA Kit for Rat

PRODUCT OVERVIEW

Product Name	SDF-1alpha, ELISA Kit
Full Product Name	Rat SDF-1alpha (Stromal Cell Derived Factor 1alpha) ELISA Kit
Product Gene Name	SDF-1alpha elisa kit
Species Reactivity	Rat
Assay Type	Sandwich
Samples	Serum, Plasma, Biological Fluids
Detection Range	15.625-1000pg/mL
Sensitivity	Min: 9.375pg/mL; Max: 1000pg/mL
Specificity	This kit recognizes natural and recombinantRatSDF-1alpha. No significant cross-reactivity or interference between RatSDF-1alpha and analogues was observed.
Preparation and Storage	Store at 4 degree C.
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for SDF-1alpha elisa kit	Intended Uses: This ELISA kit applies to the invitro quantitative determination of RatSDF-1alphaconcentrations 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-1alphaand 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-1alphain the samples by comparing the OD of the samples to the standard curve.
Other Notes	Small volumes of SDF-1alpha elisa kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for SDF-1alpha purchase	MBS2515689 is a ready-to-use microwell, strip-or-full plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the SDF-1alpha, ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing SDF-1alpha. The ELISA analytical biochemical technique of the MBS2515689 kit is based on SDF-1alpha antibody-SDF-1alpha antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect SDF-1alpha antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, SDF-1alpha. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).



Typical Testing Data/Standard Curve (for reference only) of SDF-1alpha elisa kit

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

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Online datasheet: https://www.mybiosource.com/rat-elisa-kits/sdf-1alpha/2515689