

Human Stromal Cell Derived Factor 2 ELISA Kit | SDF2 elisa kit

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CATALOG #
AAA87380

REACTIVITY
Human

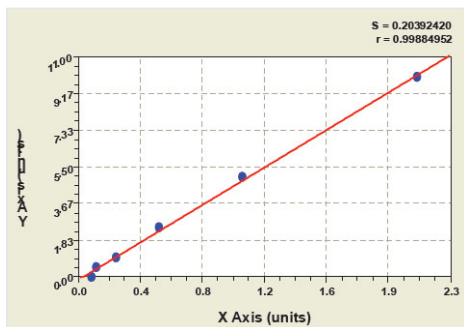
PRODUCT SYNONYMS

Stromal Cell Derived Factor 2; Human Stromal Cell Derived Factor 2 ELISA Kit; SDF2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This SDF2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human SDF2. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SDF2 elisa kit

Principle of the Assay: SDF2 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for SDF2. Standards or samples are then added to the microtiter plate wells and SDF2 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of SDF2 present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for SDF2 are added to each well to "sandwich" the SDF2 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain SDF2 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The SDF2 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	14141195
NCBI GeneID	6388
NCBI Accession #	NP_008854.2
NCBI GenBank Nucleotide #	NM_006923.3
Molecular Weight	23,026 Da
NCBI Official Full Name	stromal cell-derived factor 2
NCBI Official Synonym Full Names	stromal cell-derived factor 2
NCBI Official Symbol	SDF2
NCBI Protein Information	stromal cell-derived factor 2; SDF-2
UniProt Protein Name	Stromal cell-derived factor 2
UniProt Gene Name	SDF2
UniProt Synonym Gene Names	SDF-2
UniProt Entry Name	SDF2_HUMAN

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.