

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

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CATALOG #
AAA89776

REACTIVITY
Bovine

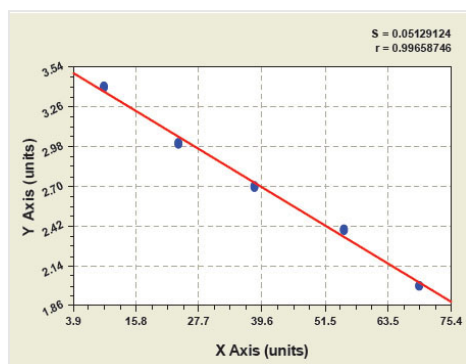
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1ng/mL.
Intended Uses	This SDF2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine 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 competitive enzyme immunoassay technique utilizing a monoclonal anti-SDF2 antibody and an SDF2-HRP conjugate. The assay sample and buffer are incubated together with SDF2-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the SDF2 concentration since SDF2 from samples and SDF2-HRP conjugate compete for the anti-SDF2 antibody binding site. Since the number of sites is limited, as more sites are occupied by SDF2 from the sample, fewer sites are left to bind SDF2-HRP conjugate. 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.

Product Categories/Family for SDF2 elisa kit

Immunology

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/sdf2-bovine-ovine-elisa-kits/stromal-cell-derived-factor-2/89776>