

Chicken Stromal cell derived factor 1beta ELISA Kit | SDF-1beta elisa kit

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CATALOG #
AAA91337

REACTIVITY
Chicken

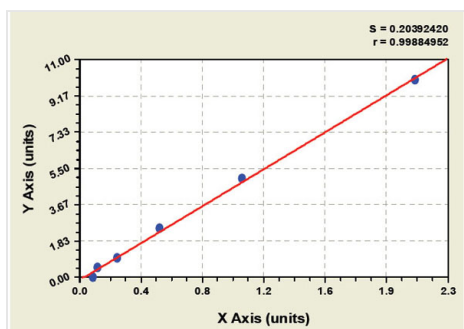
PRODUCT SYNONYMS

Stromal cell derived factor 1beta; Chicken Stromal cell derived factor 1beta ELISA Kit; SDF-1beta elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Sensitivity	0.1 ng/mL.
Intended Uses	This SDF-1beta ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken SDF-1beta. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



ADDITIONAL INFORMATION

Related Product Information for SDF-1beta elisa kit

Principle of the Assay: SDF-1beta ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for SDF-1beta. Standards or samples are then added to the microtiter plate wells and SDF-1beta if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of SDF-1beta present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for SDF-1beta are added to each well to "sandwich" the SDF-1beta 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 SDF-1beta 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 SDF-1beta concentration in each sample is interpolated from this standard curve.

Product Categories/Family for SDF-1beta elisa kit

Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	10834988
NCBI GeneID	6387
NCBI Accession #	NP_000600.1
NCBI GenBank Nucleotide #	NM_000609.5
UniProt Accession #	P48061; Q2L985; Q2L986; Q2L988; Q5IT36; Q6ICW0; Q9H554; B2R4G0; E7EVL0; Q8NF00
Molecular Weight	10,666 Da
NCBI Official Full Name	stromal cell-derived factor 1 isoform beta
NCBI Official Synonym Full Names	chemokine (C-X-C motif) ligand 12
NCBI Official Symbol	CXCL12
NCBI Official Synonym Symbols	IRH; PBSF; SDF1; TLSF; SDF1A; SDF1B; TPAR1; SCYB12
NCBI Protein Information	stromal cell-derived factor 1; intercrine reduced in hepatomas; pre-B cell growth-stimulating factor
UniProt Protein Name	Stromal cell-derived factor 1
UniProt Gene Name	CXCL12
UniProt Synonym Gene Names	SDF1; SDF1A; SDF1B; SDF-1; hSDF-1; IRH; hIRH; PBSF
UniProt Entry Name	SDF1_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.

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Online datasheet: <https://stage.aaabiotech.com/sdf-1beta-chicken-elisa-kits/stromal-cell-derived-factor-1beta/91337>