

Sheep Kinase insert Domain Receptor/VEGFR2 ELISA Kit | KDR elisa kit

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CATALOG #
AAA89433

REACTIVITY
Sheep

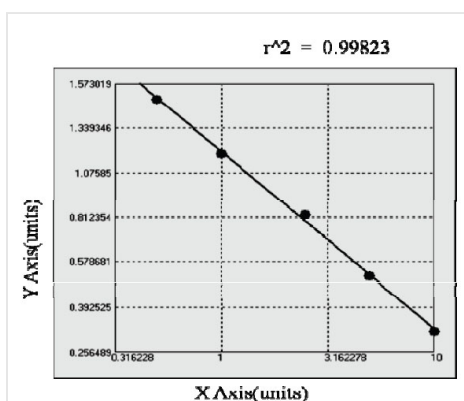
PRODUCT SYNONYMS

Kinase insert Domain Receptor/VEGFR2; Sheep Kinase insert Domain Receptor/VEGFR2 ELISA Kit; KDR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This KDR ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep KDR. 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 KDR elisa kit

Principle of the assay: KDR ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-KDR antibody and an KDR-HRP conjugate. The assay sample and buffer are incubated together with KDR-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 KDR concentration since KDR from samples and KDR-HRP conjugate compete for the anti-KDR antibody binding site. Since the number of sites is limited, as more sites are occupied by KDR from the sample, fewer sites are left to bind KDR-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The KDR concentration in each sample is interpolated from this standard curve.

Product Categories/Family for KDR
elisa kit

Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	111433464
Molecular Weight	10,145 Da
NCBI Official Full Name	Kdr, partial
UniProt Protein Name	Kdr
UniProt Gene Name	Kdr
UniProt Entry Name	Q0N3S3_ANOFN

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/kdr-sheep-elisa-kits/kinase-insert-domain-receptor-vegfr2/89433>