

Mouse Vascular Endothelial cell Growth Factor A, VEGF-A ELISA Kit | VEGF-A elisa kit

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CATALOG #
AAA43616

REACTIVITY
Mouse

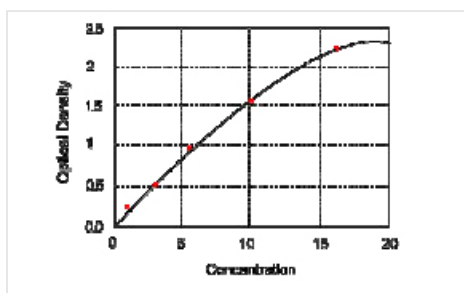
PRODUCT SYNONYMS

Vascular Endothelial cell Growth Factor A; VEGF-A; Mouse Vascular Endothelial cell Growth Factor A; VEGF-A ELISA Kit; VEGF-A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	146
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.1ng/ml-30ng/ml
Sensitivity	0.05ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for VEGF-A elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse Undercarboxylated Osteocalcin (also known as ucOC) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse ucOC antibody. ucOC present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse ucOC Antibody is added and binds to ucOC in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ucOC antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Mouse ucOC. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	68341933
NCBI GeneID	443103
NCBI Accession #	NP_001020281.1
NCBI GenBank Nucleotide #	NM_001025110.1
UniProt Accession #	P50412
Molecular Weight	17,247 Da
NCBI Official Full Name	vascular endothelial growth factor A
NCBI Official Symbol	VEGFA
NCBI Official Synonym Symbols	VEGF
NCBI Protein Information	vascular endothelial growth factor A
UniProt Protein Name	Vascular endothelial growth factor A
UniProt Gene Name	VEGFA
UniProt Synonym Gene Names	VEGF; VEGF-A; VPF

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/mouse-elisa-kits/vascular-endothelial-cell-growth-factor-a-vegfa/43616>