

## Human VEGF ELISA Kit | VEGF elisa kit

Human VEGF Pre-Coated ELISA Kit

CATALOG #  
**AAA79389**

REACTIVITY  
**Human**

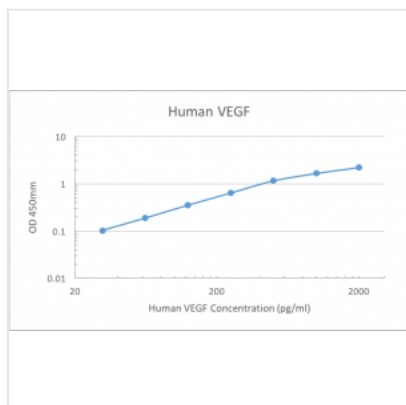
### PRODUCT SYNONYMS

VEGF; Human VEGF Pre-Coated ELISA Kit; VEGF elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                                                                                                                                                                                   |
| Specificity             | Natural and recombinant Human VEGF                                                                                                                                                                                                                                                                                                                      |
| Assay Type              | Solid Phase Sandwich ELISA: 96-Well Strip Plate                                                                                                                                                                                                                                                                                                         |
| Detection Range         | 31.2pg/mL-2,000pg/mL                                                                                                                                                                                                                                                                                                                                    |
| Sensitivity             | <1pg/ml                                                                                                                                                                                                                                                                                                                                                 |
| Components              | Anti-Human VEGF Pre-coated 96-well strip microplate<br>Human VEGF Standard<br>Human VEGF Biotinylated antibody (100x)<br>Avidin-Biotin-Peroxidase Complex (100x)<br>Sample Diluent<br>Antibody Diluent<br>Avidin-Biotin-Peroxidase Diluent<br>Wash Buffer Concentrate (Powder for 1000mL)<br>Color Developing Reagent<br>Stop Solution<br>Plate Sealers |
| Interference            | No detectable cross-reactivity with other relevant proteins                                                                                                                                                                                                                                                                                             |
| Preparation and Storage | Store the unopened product at 2-8 degree C.                                                                                                                                                                                                                                                                                                             |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
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| Related Product Information for VEGF elisa kit | VEGF is a potent growth and angiogenic cytokine. It stimulates proliferation and survival of endothelial cells, and promotes angiogenesis and vascular permeability. Expressed in vascularized tissues, VEGF plays a prominent role in normal and pathological angiogenesis. VEGF signals through three receptors; fms-like tyrosine kinase (flt-1), KDR gene product (the murine homolog of KDR is the flk-1 gene product) and the flt4 gene product. Human VEGF Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Human VEGF with a 96-well strip plate that is pre-coated with mouse monoclonal antibody specific for VEGF. It contains sf21-expressed recombinant Human VEGF. The detection antibody is a biotinylated goat polyclonal antibody specific for VEGF. The kit is analytically validated with ready to use reagents. |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 324120930                                                                                      |
| NCBI GeneID                      | 7422                                                                                           |
| NCBI Accession #                 | NP_001191313.1                                                                                 |
| NCBI GenBank Nucleotide #        | NM_001204384.1                                                                                 |
| UniProt Accession #              | P15692; O60720; O75875; Q074Z4; Q16889; B5BU86; H0Y2S8; H0Y407; H0Y414; H0Y462; H0Y8N2; H3BLW7 |
| Molecular Weight                 | 27,042 Da                                                                                      |
| NCBI Official Full Name          | vascular endothelial growth factor A isoform q                                                 |
| NCBI Official Synonym Full Names | vascular endothelial growth factor A                                                           |
| NCBI Official Symbol             | VEGFA                                                                                          |
| NCBI Official Synonym Symbols    | VPF; VEGF; MVCD1                                                                               |
| NCBI Protein Information         | vascular endothelial growth factor A; vascular permeability factor                             |
| UniProt Protein Name             | Vascular endothelial growth factor A                                                           |
| UniProt Gene Name                | VEGFA                                                                                          |
| UniProt Synonym Gene Names       | VEGF; VEGF-A; VPF                                                                              |
| UniProt Entry Name               | VEGFA_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://www.aaabiotech.com/human-elisa-kits/vegfa/79389>