

## Human MYDGF ELISA Kit | MYDGF elisa kit

Human MYDGF ELISA Kit PicoKine

|                               |                            |                              |
|-------------------------------|----------------------------|------------------------------|
| CATALOG #<br><b>AAA128005</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>ELISA</b> |
|-------------------------------|----------------------------|------------------------------|

### PRODUCT SYNONYMS

MYDGF; Human MYDGF ELISA Kit PicoKine; MYDGF elisa kit

### PRODUCT SPECIFICATIONS

|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                                        | Human                                                                                                                                                                                                                                                                                                                                                                                            |
| Samples                                           | cell culture supernatants, serum and plasma (heparin, EDTA)                                                                                                                                                                                                                                                                                                                                      |
| Assay Range                                       | 156pg/ml-10,000pg/ml                                                                                                                                                                                                                                                                                                                                                                             |
| Sensitivity                                       | <75pg/ml                                                                                                                                                                                                                                                                                                                                                                                         |
| Capture antibody and Detection antibody           | polyclonal antibody from goat polyclonal antibody from goat                                                                                                                                                                                                                                                                                                                                      |
| Immunogen                                         | Expression system for standard: CHO; Immunogen sequence: V32-L173                                                                                                                                                                                                                                                                                                                                |
| Anticoagulant                                     | heparin or EDTA                                                                                                                                                                                                                                                                                                                                                                                  |
| Cross Reactivity                                  | There is no detectable cross-reactivity with other relevant proteins.                                                                                                                                                                                                                                                                                                                            |
| Applicable Applications for MYDGF elisa kit       | ELISA                                                                                                                                                                                                                                                                                                                                                                                            |
| Kit Components                                    | Description/Quantity<br>Pre-coated 96-well strip microplate/1<br>Standard/2 vials, 10 ng/tube<br>Biotinylated antibody (100x)/100ul<br>Avidin-Biotin-Peroxidase Complex (100x)/100ul<br>Sample Diluent/30ml<br>Antibody Diluent/12ml<br>Avidin-Biotin-Peroxidase Diluent/12ml<br>Color Developing Reagent (TMB)/10ml<br>Stop Solution/10ml<br>Wash Buffer (25x)/20ml<br>Adhesive plate sealers/4 |
| Materials Required But Not Provided               | Microplate Reader capable of reading absorbance at 450nm.<br>Incubator.<br>Automated plate washer (optional).<br>Pipettes and pipette tips capable of precisely dispensing 0.5ul through 1ml volumes of aqueous solutions.<br>Multichannel pipettes are recommended for large amount of samples.<br>Deionized or distilled water.<br>500ml graduated cylinders.<br>Test tubes for dilution.      |
| Sample Data                                       | Concentration(pg/ml)01563126251,2502,5005,00010,000O.D.0.0230.0550.1310.3670.7121.1111.4372.043                                                                                                                                                                                                                                                                                                  |
| Intra Assay Consistency & Inter Assay Consistency | Intra-Assay PrecisionInter-Assay PrecisionSample123123n161616242424Mean(pg/ml)26253148212224474891Standard deviation11.1426.39300.3514.2710.77375.63CV(%)4.3%5.0%6.2%6.4%2.4%7.7%                                                                                                                                                                                                                |

|                         |                                                                                                                                                                                                                                             |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reproducibility         | LotsLot 1 (pg/ml)Lot 2 (pg/ml)Lot 3 (pg/ml)Lot 4 (pg/ml)Mean (pg/ml)Standard DeviationCV (%)Sample<br>126224624728225913.585.2%Sample 253142835552045927.66%Sample<br>348214582424845284545345.587.6%*number of samples for each test n=16. |
| Preparation and Storage | Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Ships with gel ice, can store for up to 3 days in room temperature. Freeze upon receiving.)                                             |

IMAGES



Standard Curve (Sample)  
Human MYDGF PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

|                                                 |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for MYDGF elisa kit | The brand Picokine indicates this is a premium quality ELISA kit. Each Picokine kit delivers precise quantification, high sensitivity, and excellent reproducibility. Only our most reliable and effective kits qualify as Picokine, guaranteeing top-tier results for your assays. |
| Product Categories/Family for MYDGF elisa kit   | PicoKine ELISA Kits                                                                                                                                                                                                                                                                 |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                       |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 61221730                                                                                                                              |
| NCBI GeneID                      | 56005                                                                                                                                 |
| UniProt Accession #              | Q969H8; O75256; O75272; Q9BTK7; Q9NP69; D6W628                                                                                        |
| Molecular Weight                 | 173                                                                                                                                   |
| NCBI Official Full Name          | UPF0556 protein C19orf10                                                                                                              |
| NCBI Official Synonym Full Names | chromosome 19 open reading frame 10                                                                                                   |
| NCBI Official Symbol             | C19orf10                                                                                                                              |
| NCBI Official Synonym Symbols    | IL25; IL27; SF20; IL27w; R33729_1; EUROIMAGE1875335                                                                                   |
| NCBI Protein Information         | UPF0556 protein C19orf10; interleukin 25; interleukin-25; interleukin 27 working designation; stromal cell-derived growth factor SF20 |
| UniProt Protein Name             | UPF0556 protein C19orf10                                                                                                              |
| UniProt Gene Name                | C19orf10                                                                                                                              |
| UniProt Synonym Gene Names       | IL25; IL-25                                                                                                                           |
| UniProt Entry Name               | CS010_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.