

# Human Granulocyte-Macrophage Colony Stimulating Factor, GM-CSF ELISA Kit | GM-CSF elisa kit

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CATALOG #  
**AAA42001**

REACTIVITY  
**Human**

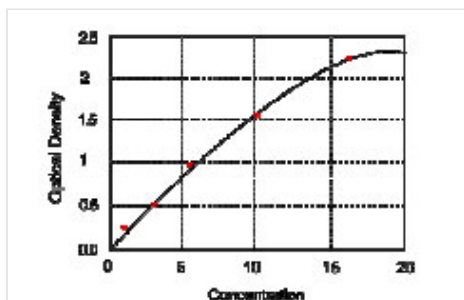
## PRODUCT SYNONYMS

Granulocyte-Macrophage Colony Stimulating Factor; GM-CSF; Human Granulocyte-Macrophage Colony Stimulating Factor; GM-CSF ELISA Kit; GM-CSF elisa kit

## PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                            |
| Sequence Length         | 144                                                                                                                                                                                              |
| Samples                 | Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates                                                                                                                         |
| Assay Type              | Quantitative Sandwich                                                                                                                                                                            |
| Detection Range         | 0.05ng/ml-10ng/ml                                                                                                                                                                                |
| Sensitivity             | 0.022ng/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 GM-CSF elisa kit | <p>Intended Uses: This sandwich kit is for the accurate quantitative detection of human Granulocyte Chemotactic Protein-2 (also known as GCP-2) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.</p> <p>Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human GCP-2 antibody. GCP-2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human GCP-2 Antibody is added and binds to GCP-2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated GCP-2 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 human GCP-2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.</p> |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                  |
|----------------------------------|--------------------------------------------------|
| NCBI GI #                        | 183364                                           |
| NCBI GeneID                      | 1437                                             |
| UniProt Accession #              | P04141; Q14CE8; Q2VPI8; Q8NFI6                   |
| Molecular Weight                 | 16,295 Da                                        |
| NCBI Official Full Name          | GM-CSF                                           |
| NCBI Official Synonym Full Names | colony stimulating factor 2                      |
| NCBI Official Symbol             | CSF2                                             |
| NCBI Official Synonym Symbols    | CSF; GMCSF                                       |
| NCBI Protein Information         | granulocyte-macrophage colony-stimulating factor |
| UniProt Protein Name             | Granulocyte-macrophage colony-stimulating factor |
| UniProt Gene Name                | CSF2                                             |
| UniProt Synonym Gene Names       | GMCSF; GM-CSF; CSF                               |

**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/human-elisa-kits/granulocyte-macrophage-colony-stimulating-factor-gm-csf/42001>