

# Sheep Granulocyte-Macrophage Colony-Stimulating Factor, CSF2 ELISA Kit | CSF2 elisa kit

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CATALOG #  
**AAA123050**

REACTIVITY  
**Sheep**

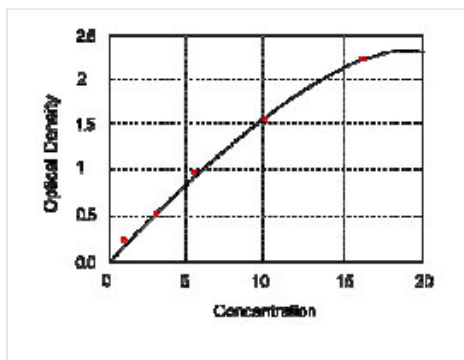
## PRODUCT SYNONYMS

Granulocyte-Macrophage Colony-Stimulating Factor; CSF2; Sheep Granulocyte-Macrophage Colony-Stimulating Factor; CSF2 ELISA Kit; CSF2 elisa kit

## PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Sheep                                                                                                                                                                                            |
| Sequence Length         | 144                                                                                                                                                                                              |
| Samples                 | Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates                                                                                                                         |
| Assay Type              | Quantitative Sandwich                                                                                                                                                                            |
| Detection Range         | 0.2ng/ml-70ng/ml                                                                                                                                                                                 |
| Sensitivity             | 0.14ng/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 CSF2 elisa kit | <p>Intended Uses: This sandwich kit is for the accurate quantitative detection of Sheep Glutamate Dehydrogenase (also known as GDH/GLDH) 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 Sheep GDH/GLDH antibody. GDH/GLDH present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Sheep GDH/GLDH Antibody is added and binds to GDH/GLDH in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated GDH/GLDH 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 Sheep GDH/GLDH. 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 #                        | 27437030                                         |
| NCBI GeneID                      | 1437                                             |
| NCBI GenBank Nucleotide #        | NP_000749.2                                      |
| UniProt Accession #              | P04141                                           |
| NCBI Official Full Name          | granulocyte-macrophage colony-stimulating factor |
| 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                               |
| UniProt Entry Name               | CSF2_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.