

## Mouse Eosinophil colony stimulating factor ELISA Kit | EOS-CSF elisa kit

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CATALOG #  
**AAA86609**

REACTIVITY  
**Mouse**

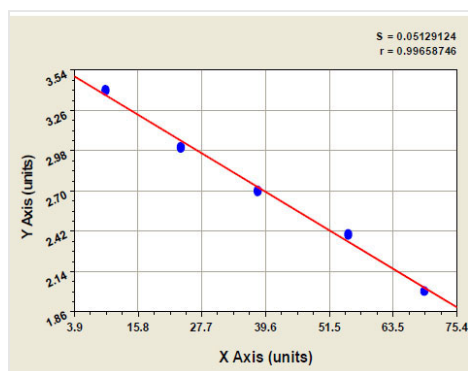
### PRODUCT SYNONYMS

Eosinophil colony stimulating factor; Mouse Eosinophil colony stimulating factor ELISA Kit; EOS-CSF elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                                                                                                                        |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate                                                                                                                   |
| Assay Type              | Competitive                                                                                                                                                                                  |
| Sensitivity             | 1.0 pg/mL.                                                                                                                                                                                   |
| Intended Uses           | This EOS-CSF ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse EOS-CSF. This ELISA kit for research use only, not for therapeutic applications! |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                          |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for EOS-CSF elisa kit

**Principle of the assay:** EOS-CSF ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-EOS-CSF antibody and an EOS-CSF-HRP conjugate. The assay sample and buffer are incubated together with EOS-CSF-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the EOS-CSF concentration since EOS-CSF from samples and EOS-CSF-HRP conjugate compete for the anti-EOS-CSF antibody binding site. Since the number of sites is limited, as more sites are occupied by EOS-CSF from the sample, fewer sites are left to bind EOS-CSF-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The EOS-CSF concentration in each sample is interpolated from this standard curve.

#### Product Categories/Family for EOS-CSF elisa kit

Immunology

**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/eos-csf-mouse-elisa-kits/eosinophil-colony-stimulating-factor/86609>