

## Rat GM-CSF Antibody Pair Set

**Catalog No.** E-KAB-0628

**Applications**

ELISA

**Synonyms** GMCSF;CSF2

### Kit components & Storage

| Title                                  | Specifications | Storage   |
|--|----------------|---|
| Rat GM-CSF Capture Antibody            | 1 vial, 100 µg | Store at -20℃ for one year. Avoid freeze/thaw cycles. |
| Rat GM-CSF Detection Antibody (Biotin) | 1 vial, 50 µL  | Store at -20℃ for one year. Avoid freeze/thaw cycles. |

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

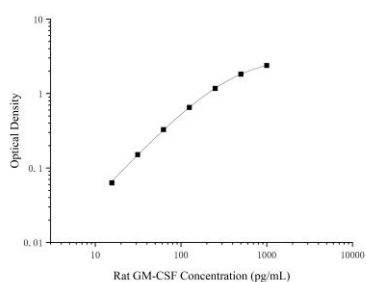
### Product Information

| Items                 |               | Characteristic (E-KAB-0628)                      |   |
|-----------------------|---------------|--|---|
|                       |               | Rat GM-CSF Capture Antibody                      | Rat GM-CSF Detection Antibody (Biotin)                                  |
| Immunogen Information | Immunogen     | Recombinant Rat GM-CSF protien                   | Recombinant Rat GM-CSF protien  |
|                       | Swissprot     | P48750   |   |
| Product details       | Reactivity    | Rat  | Rat   |
|                       | Host          | Mouse  | Goat  |
|                       | Conjugation   | Unconjugated                                     | Biotin  |
|                       | Concentration | 0.5 mg/mL  | /   |
|                       | Buffer        | PBS with 0.04% Proclin 300; 50% glycerol; pH 7.5 | PBS with 0.04% Proclin 300; 1% protective protein; 50% glycerol; pH 7.5 |
|                       | Purify        | Protein A or G                                   | Antigen Affinity  |
|                       | Specificity   | Detects Rat GM-CSF in ELISAs.                    |   |

### For Research Use Only

## Applications

### Rat GM-CSF Sandwich ELISA Assay

|                                  | Recommended Concentration/Dilution | Reagent                                | Images   |                                  |                 |    |      |    |     |    |     |     |     |     |     |     |     |      |     |
|----------------------------------|------------------------------------|--|--|----------------------------------|-----------------|----|------|----|-----|----|-----|-----|-----|-----|-----|-----|-----|------|-----|
| ELISA Capture                    | 0.5-4 µg/mL                        | Rat GM-CSF Capture Antibody            |  <table><caption>Approximate data points from the standard curve</caption><thead><tr><th>Rat GM-CSF Concentration (pg/mL)</th><th>Optical Density</th></tr></thead><tbody><tr><td>10</td><td>0.05</td></tr><tr><td>20</td><td>0.1</td></tr><tr><td>50</td><td>0.2</td></tr><tr><td>100</td><td>0.4</td></tr><tr><td>200</td><td>0.8</td></tr><tr><td>500</td><td>1.5</td></tr><tr><td>1000</td><td>2.5</td></tr></tbody></table> | Rat GM-CSF Concentration (pg/mL) | Optical Density | 10 | 0.05 | 20 | 0.1 | 50 | 0.2 | 100 | 0.4 | 200 | 0.8 | 500 | 1.5 | 1000 | 2.5 |
| Rat GM-CSF Concentration (pg/mL) | Optical Density                    |  |  |                                  |                 |    |      |    |     |    |     |     |     |     |     |     |     |      |     |
| 10                               | 0.05                               |  |  |                                  |                 |    |      |    |     |    |     |     |     |     |     |     |     |      |     |
| 20                               | 0.1                                |  |  |                                  |                 |    |      |    |     |    |     |     |     |     |     |     |     |      |     |
| 50                               | 0.2                                |  |  |                                  |                 |    |      |    |     |    |     |     |     |     |     |     |     |      |     |
| 100                              | 0.4                                |  |  |                                  |                 |    |      |    |     |    |     |     |     |     |     |     |     |      |     |
| 200                              | 0.8                                |  |  |                                  |                 |    |      |    |     |    |     |     |     |     |     |     |     |      |     |
| 500                              | 1.5                                |  |  |                                  |                 |    |      |    |     |    |     |     |     |     |     |     |     |      |     |
| 1000                             | 2.5                                |  |  |                                  |                 |    |      |    |     |    |     |     |     |     |     |     |     |      |     |
| ELISA Detection                  | 1:1000-1:10000                     | Rat GM-CSF Detection Antibody (Biotin) |  |                                  |                 |    |      |    |     |    |     |     |     |     |     |     |     |      |     |

**Note:** This standard curve is only for demonstration purposes. A standard curve should be generated for each assay!

## Background

Cytokine that stimulates the growth and differentiation of hematopoietic precursor cells from various lineages , including granulocytes , macrophages , eosinophils and erythrocytes.