

Rat Cys-C Antibody Pair Set

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|--------------------|--|---------------------|-------|
| Catalog No. | E-KAB-0651 | Applications | ELISA |
| Synonyms | CST3;Cystatin 3;ARMD11;Post-Gamma-Globulin | | |

Kit components & Storage

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

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

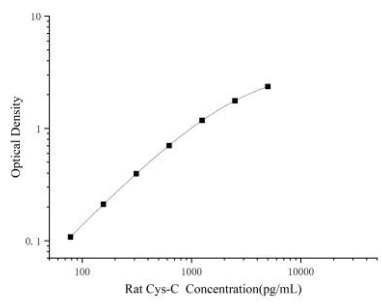
Product Information

| Items | | Characteristic (E-KAB-0651) | |
|-----------------------|---------------|--|---|
| | | Rat Cys-C Capture Antibody | Rat Cys-C Detection Antibody (Biotin) |
| Immunogen Information | Immunogen | Recombinant Rat Cys-C protein | Recombinant Rat Cys-C protein |
| | Swissprot | P14841 | |
| Product details | Reactivity | Rat | Rat |
| | Host | Goat | 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 | Antigen Affinity | Antigen Affinity |
| | Specificity | Detects Rat Cys-C in ELISAs. | |

For Research Use Only

Applications

Rat Cys-C Sandwich ELISA Assay:

| | Recommended Concentration/Dilution | Reagent | Images |
|-----------------|------------------------------------|---------------------------------------|--|
| ELISA Capture | 0.5-4 µg/mL | Rat Cys-C Capture Antibody |  |
| ELISA Detection | 1:1000-1:10000 | Rat Cys-C Detection Antibody (Biotin) | |

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

Background

Cystatin C is a member of family 2 of the Cystatin superfamily . It is involved in processes such as tumor invasion and metastasis;inflammation and some neurological diseases. It inhibits many cysteine proteases such as papain and cathepsins B;H;K;L;and S.