

## Human coxiella burnetii Q fever phase 2 (Q fever) antibody (IgM) ELISA Kit

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CATALOG #  
**AAA180990**

REACTIVITY  
**Human**

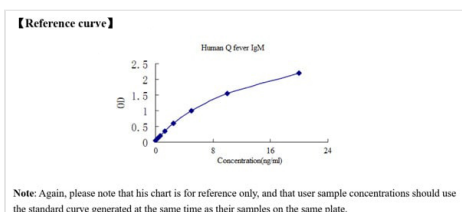
### PRODUCT SYNONYMS

coxiella burnetii Q fever phase 2 (Q fever) antibody (IgM); Human coxiella burnetii Q fever phase 2 (Q fever) antibody (IgM) ELISA Kit; coxiella burnetii Q fever phase 2 (Q fever) antibody (IgM) elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                  |
|-------------------------|--------------------------------------------------|
| Reactivity              | Human                                            |
| Specificity             | No cross-reaction with other factors.            |
| Assay Type              | Sandwich                                         |
| Samples                 | Human serum, plasma, or cell culture supernatant |
| Detection Range         | 20 ng/mL-0.312 ng/mL                             |
| Sensitivity             | Up to 0.06 ng/mL                                 |
| Intra-assay Precision   | <= 8%                                            |
| Inter-assay Precision   | <= 12%                                           |
| Preparation and Storage | Store all reagents at 2-8 degree C.              |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for coxiella burnetii Q fever phase 2 (Q fever) antibody (IgM) elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antigen Sandwich ELISA technique. The pre-coated antigen is a related-Human Q fever IgM antigen, while the detection antigen is another antigen. Samples are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

**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.