

## Human Rift Valley Fever IgM (RVF IgM) ELISA Kit | RVFIgM elisa kit

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CATALOG #  
**AAA31509**

REACTIVITY  
**Human**

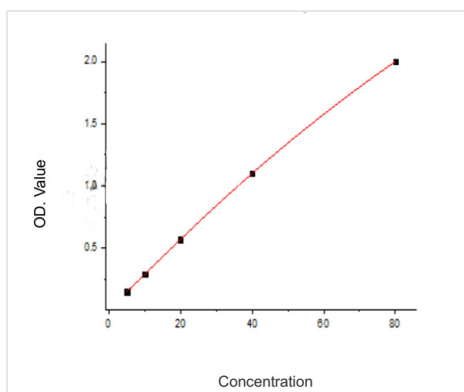
### PRODUCT SYNONYMS

Rift Valley Fever IgM (RVF IgM); Human Rift Valley Fever IgM (RVF IgM) ELISA Kit; RVFIgM elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                                         |
| Samples                 | Human serum, cell culture supernates and other biological fluids                                                                                                                                              |
| Detection Range         | 5 ng/L - 80 ng/L                                                                                                                                                                                              |
| Sensitivity             | < 0.5ng/L                                                                                                                                                                                                     |
| Intra-assay Precision   | Four samples of known concentration were tested twenty times on one plate to assess intra-assay precision. The CV (%)?9%.                                                                                     |
| Inter-assay Precision   | Three samples of known concentration were tested in twenty separate assays to assess inter-assay precision. Assays were performed by at least three technicians using two lots of components. The CV (%)?11%. |
| Preparation and Storage | Store at 2-8 degree C.                                                                                                                                                                                        |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for RVFIgM elisa kit

Background: Rift Valley Fever (RVF) is a viral zoonosis that primarily affects animals but also has the capacity to infect humans. The disease also results in significant economic losses due to death and abortion among RVF-infected livestock.

Principle of the Assay: Human Rift Valley Fever IgM (RVF IgM) ELISA Kit quantitate Human RVF IgM in samples. An antigen has been pre-coated onto a microplate. Standards or test samples are added to the wells, incubated and then washed. HRP-conjugated antigen is then added and incubated. The plate is washed once more and the chromogen solution is then added which HRP catalyzes, generating a blue coloration after incubation. A stop solution is added which generates conversion to yellow color read at 450 nm which is proportional to the amount of analyte bound.

**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://stage.aaabiotech.com/rvfigm-human-elisa-kits/riftvalleyfeverigm-rvf-igm/31509>