

## Human Coagulation Factor VIII (F8) CLIA Kit | F8 clia kit

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CATALOG #  
**AAA150045**

REACTIVITY  
**Human**

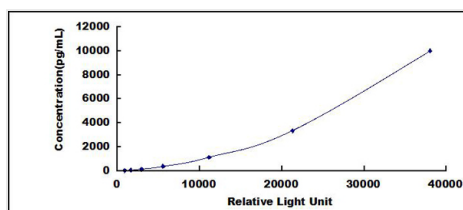
### PRODUCT SYNONYMS

Coagulation Factor VIII (F8); Human Coagulation Factor VIII (F8) CLIA Kit; FVIII; AHF; HEMA; F8B; F8C; Antihemophilic Globulin; Hemophilia A; Anti-Hemophilic Factor A; FVIII Procoagulant Component; F8 Protein; F8 clia kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of Coagulation Factor VIII (F8). No significant cross-reactivity or interference between Coagulation Factor VIII (F8) and analogues was observed.                                                                                                                                                                                                                                                                  |
| Sequence Length         | 2351                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Assay Type              | Double-antibody Sandwich                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Samples                 | Plasma                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Detection Range         | 13.7-10,000pg/mL                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Sensitivity             | 4.9pg/mL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Precision               | Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Coagulation Factor VIII (F8) were tested 20 times on one plate, respectively.<br>Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Coagulation Factor VIII (F8) were tested on 3 different plates, 8 replicates in each plate.<br>$CV(\%) = SD/mean \times 100$<br>Intra-Assay: $CV < 10\%$<br>Inter-Assay: $CV < 12\%$                             |
| Preparation and Storage | The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.<br>To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end. |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for F8 clia kit | The microplate provided in this kit has been pre-coated with an antibody specific to Coagulation Factor VIII (F8). Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to Coagulation Factor VIII (F8). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the Coagulation Factor VIII (F8) level in the sample or standard. |
| Product Categories/Family for F8 clia kit   | <a href="#">Metabolic Pathway</a> ; <a href="#">Hematology</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

NCBI AND UNIPROT INFORMATION

|                                  |                                                 |
|----------------------------------|-------------------------------------------------|
| NCBI GI #                        | 4503647                                         |
| NCBI GeneID                      | 2157                                            |
| NCBI Accession #                 | <a href="#">NP_000123.1</a>                     |
| NCBI GenBank Nucleotide #        | <a href="#">NP_000123.1</a>                     |
| UniProt Accession #              | <a href="#">P00451</a>                          |
| NCBI Official Full Name          | coagulation factor VIII isoform a preproprotein |
| NCBI Official Synonym Full Names | coagulation factor VIII                         |
| NCBI Official Symbol             | F8                                              |
| NCBI Official Synonym Symbols    | AHF; F8B; F8C; HEMA; FVIII; DXS1253E            |
| NCBI Protein Information         | coagulation factor VIII                         |
| UniProt Protein Name             | Coagulation factor VIII                         |
| UniProt Gene Name                | <b>F8</b>                                       |
| UniProt Synonym Gene Names       | F8C; AHF                                        |
| UniProt Entry Name               | FA8_HUMAN                                       |

**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/human-clia-kits/coagulation-factor-viii-f8/150045>