

## Mouse Barrier to Autointegration Factor (BANF1) ELISA Kit | BANF1 elisa kit

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CATALOG #  
**AAA247333**

REACTIVITY  
**Mouse**

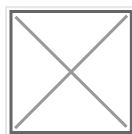
### PRODUCT SYNONYMS

Barrier to Autointegration Factor (BANF1); Mouse Barrier to Autointegration Factor (BANF1) ELISA Kit; BANF1 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                                                                                                                                                                                                                                                                                                                       |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of BANF1. No significant cross-reactivity or interference between BANF1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between BANF1 and all the analogues, therefore, cross reaction may still exist in some cases. |
| Sequence Length         | 90                                                                                                                                                                                                                                                                                                                                                                                          |
| Assay Type              | Quantitative Competitive                                                                                                                                                                                                                                                                                                                                                                    |
| Samples                 | Serum, plasma, cell culture supernatants, body fluid and tissue homogenate                                                                                                                                                                                                                                                                                                                  |
| Sensitivity             | 1.0 pg/mL                                                                                                                                                                                                                                                                                                                                                                                   |
| Reactivity Note         | No significant cross-reactivity or interference between this antigen and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection, therefore, cross reaction may still exist in some cases.                                                                                                                |
| Preparation and Storage | Store at 2-8 degree C.<br>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.                                                                                                                                                                                        |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for BANF1 elisa kit | <p>Principle of the Assay: BANF1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-BANF1 antibody and an BANF1-HRP conjugate. The assay sample and buffer are incubated together with BANF1-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the BANF1 concentration since BANF1 from samples and BANF1-HRP conjugate compete for the anti-BANF1 antibody binding site. Since the number of sites is limited, as more sites are occupied by BANF1 from the sample, fewer sites are left to bind BANF1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The BANF1 concentration in each sample is interpolated from this standard curve.</p> <p>Intended Uses: This FBANF1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse BANF1. This ELISA kit for research use only, not for therapeutic or test applications!</p> |
| Product Categories/Family for BANF1 elisa kit   | Microbiology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

NCBI AND UNIPROT INFORMATION

|                                  |                                                   |
|----------------------------------|---------------------------------------------------|
| NCBI GI #                        | 442626680                                         |
| NCBI GeneID                      | 34095                                             |
| NCBI Accession #                 | NP_001260220.1                                    |
| NCBI GenBank Nucleotide #        | NM_001273291.1                                    |
| UniProt Accession #              | Q9VLU0; Q53XE9                                    |
| Molecular Weight                 | 10,116 Da                                         |
| NCBI Official Full Name          | barrier to autointegration factor, isoform B      |
| NCBI Official Synonym Full Names | barrier to autointegration factor                 |
| NCBI Official Symbol             | baf                                               |
| NCBI Official Synonym Symbols    | anon-WO0172774.178; BAF; CG7380; dBAF; DmelCG7380 |
| NCBI Protein Information         | barrier to autointegration factor                 |
| UniProt Protein Name             | Barrier-to-autointegration factor                 |
| UniProt Gene Name                | baf                                               |

**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.