

## Canine Brain specific Angiogenesis inhibitor 3 ELISA Kit | BAI3 elisa kit

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CATALOG #  
**AAA96337**

REACTIVITY  
**Canine**

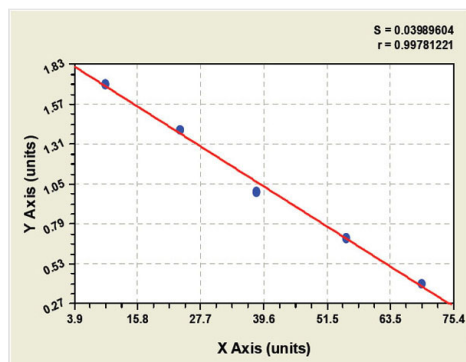
### PRODUCT SYNONYMS

Brain specific Angiogenesis inhibitor 3; Canine Brain specific Angiogenesis inhibitor 3 ELISA Kit; BAI3 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                         |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Canine                                                                                                                                                                                  |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate                                                                                                              |
| Assay Type              | Competitive                                                                                                                                                                             |
| Detection Range         | 0.5-10ng/mL                                                                                                                                                                             |
| Sensitivity             | 0.1ng/mL                                                                                                                                                                                |
| Intended Uses           | This BAI3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine BAI3. This ELISA kit for research use only, not for therapeutic applications  |
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| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                     |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for BAI3 elisa kit | <b>Principle of the Assay:</b> BAI3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-BAI3 antibody and an BAI3-HRP conjugate. The assay sample and buffer are incubated together with BAI3-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 BAI3 concentration since BAI3 from samples and BAI3-HRP conjugate compete for the anti-BAI3 antibody binding site. Since the number of sites is limited, as more sites are occupied by BAI3 from the sample, fewer sites are left to bind BAI3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The BAI3 concentration in each sample is interpolated from this standard curve. |
| Product Categories/Family for BAI3 elisa kit   | Cardiovascular                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                              |
|----------------------------------|----------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4502359                                                                                      |
| NCBI GeneID                      | 577                                                                                          |
| NCBI Accession #                 | NP_001695.1                                                                                  |
| NCBI GenBank Nucleotide #        | NM_001704.2                                                                                  |
| Molecular Weight                 | 171,518 Da                                                                                   |
| NCBI Official Full Name          | brain-specific angiogenesis inhibitor 3                                                      |
| NCBI Official Synonym Full Names | brain-specific angiogenesis inhibitor 3                                                      |
| NCBI Official Symbol             | BAI3                                                                                         |
| NCBI Protein Information         | brain-specific angiogenesis inhibitor 3; dJ91B17.1 (brain-specific angiogenesis inhibitor 3) |
| UniProt Protein Name             | Brain-specific angiogenesis inhibitor 3                                                      |
| UniProt Gene Name                | <b>BAI3</b>                                                                                  |
| UniProt Synonym Gene Names       | KIAA0550                                                                                     |
| UniProt Entry Name               | BAI3_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/bai3-canine-elisa-kits/brain-specific-angiogenesis-inhibitor-3/96337>