

Rat Brain specific Angiogenesis inhibitor 3 ELISA Kit | BAI3 elisa kit

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CATALOG #
AAA85815

REACTIVITY
Rat

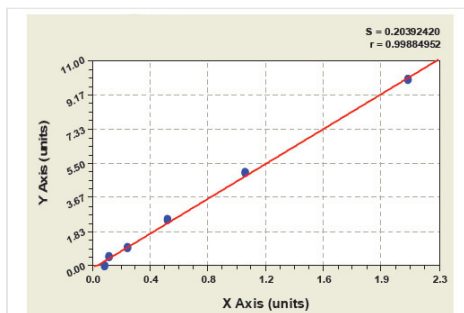
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
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 Rat BAI3. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BAI3 elisa kit

Principle of the Assay: BAI3 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for BAI3. Standards or samples are then added to the microtiter plate wells and BAI3 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of BAI3 present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for BAI3 are added to each well to "sandwich" the BAI3 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain BAI3 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. 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.

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	BAI3
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-rat-elisa-kits/brain-specific-angiogenesis-inhibitor-3/85815>