

Mouse Ionized Calcium-binding Adapter Molecule 1 (IBA1) CLIA Kit | IBA1 clia kit

Mouse Ionized Calcium-binding Adapter Molecule 1 (IBA1) CLIA Kit

CATALOG # AAA189084	REACTIVITY Mouse	APPLICATIONS CLIA (Chemiluminescence Immunoassay)
-------------------------------	----------------------------	---

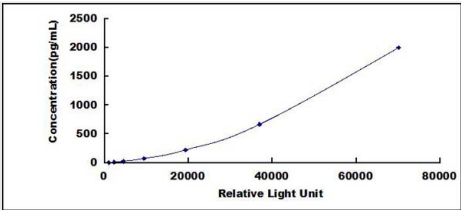
PRODUCT SYNONYMS

Ionized Calcium-binding Adapter Molecule 1 (IBA1); Mouse Ionized Calcium-binding Adapter Molecule 1 (IBA1) CLIA Kit; Ionized Calcium-binding Adapter Molecule 1; AIF1; IRT1; Daintain; Protein G1; Allograft Inflammatory Factor 1; IBA1 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Ionized Calcium-binding Adapter Molecule 1 (IBA1). No significant cross-reactivity or interference between Ionized Calcium-binding Adapter Molecule 1 (IBA1) and analogues was observed.
Sequence Length	147
Assay Type	Double-antibody Sandwich
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	2.74-2,000pg/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 0.99pg/mL
Applicable Applications for IBA1 clia kit	CLIA (Chemiluminescence Immunoassay)
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Ionized Calcium-binding Adapter Molecule 1 (IBA1) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Ionized Calcium-binding Adapter Molecule 1 (IBA1) were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100 Intra-Assay: CV<10% Inter-Assay: CV<12%
Test Principle	The microplate provided in this kit has been pre-coated with an antibody specific to Ionized Calcium-binding Adapter Molecule 1 (IBA1). Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to Ionized Calcium-binding Adapter Molecule 1 (IBA1). 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 Ionized Calcium-binding Adapter Molecule 1 (IBA1) level in the sample or standard.
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. 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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	9506379
NCBI Accession #	NP_062340.1
NCBI GenBank Nucleotide #	NP_062340.1
UniProt Accession #	O70200
NCBI Official Full Name	allograft inflammatory factor 1 isoform a
UniProt Protein Name	Allograft inflammatory factor 1
UniProt Gene Name	Aif1
UniProt Synonym Gene Names	Iba1; AIF-1

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mouse-clia-kits/ionized-calcium-binding-adapter-molecule-1-iba1/189084>