

Human allograft inflammatory factor 1 ELISA Kit | AIF1 elisa kit

Human Allograft inflammatory factor 1, AIF1 ELISA Kit

CATALOG #
AAA112432

REACTIVITY
Human

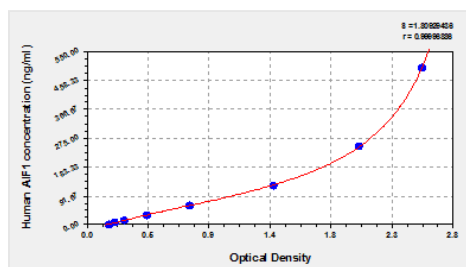
PRODUCT SYNONYMS

allograft inflammatory factor 1; Human Allograft inflammatory factor 1; AIF1 ELISA Kit; Human Allograft inflammatory factor 1 (AIF1) ELISA kit; DADB-70P7.8; AIF-1; IBA1; IRT-1; interferon gamma responsive transcript; ionized calcium-binding adapter molecule; AIF1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human AIF1. No significant cross-reactivity or interference between human AIF1 and analogues was observed.
Sequence Length	147
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	7.8 pg/ml-500 pg/ml
Sensitivity	< 1.95 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AIF1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for AIF1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any AIF1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for AIF1 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of AIF1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	14574568
NCBI GeneID	199
NCBI Accession #	NP_001614.3
NCBI GenBank Nucleotide #	NM_001623.3
UniProt Accession #	P55008; O43904; Q9UIV4; Q9UKS9; A8K406
Molecular Weight	16,703 Da
NCBI Official Full Name	allograft inflammatory factor 1 isoform 3
NCBI Official Synonym Full Names	allograft inflammatory factor 1
NCBI Official Symbol	AIF1
NCBI Official Synonym Symbols	IBA1; IRT1; AIF-1; IRT-1
NCBI Protein Information	allograft inflammatory factor 1; protein G1; interferon gamma responsive transcript; ionized calcium-binding adapter molecule 1; allograft inflammatory factor-1 splice variant Hara-1
UniProt Protein Name	Allograft inflammatory factor 1
UniProt Gene Name	AIF1
UniProt Synonym Gene Names	G1; IBA1; AIF-1
UniProt Entry Name	AIF1_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/aif1-human-elisa-kits/allograft-inflammatory-factor-1/112432>