

Human Allograft Inflammatory Factor 1 (AIF1) ELISA Kit | AIF1 elisa kit

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CATALOG #
AAA330842

REACTIVITY
Human

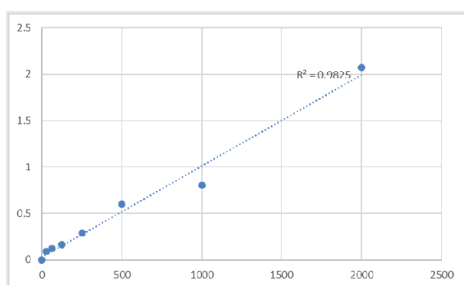
PRODUCT SYNONYMS

Allograft Inflammatory Factor 1 (AIF1); Human Allograft Inflammatory Factor 1 (AIF1) ELISA Kit; AIF1; 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	Human Allograft inflammatory factor 1 (AIF1) ELISA Kit 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
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Allograft inflammatory factor 1 (AIF1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for AIF1 elisa kit	Description: This Human Allograft inflammatory factor 1 (AIF1) ELISA Kit employs a two-site sandwich ELISA to quantitate AIF1 in samples. An 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, Streptavidin 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. Background: Allograft inflammatory factor 1 is induced by cytokines and interferon. Its protein product is thought to be involved in negative regulation of growth of vascular smooth muscle cells, which contributes to the anti-inflammatory response to vessel wall trauma. Actin-binding protein that enhances membrane ruffling and RAC activation. Enhances the actin-bundling activity of LCP1. Binds calcium. Plays a role in RAC signaling and in phagocytosis. May play a role in macrophage activation and function. Promotes the proliferation of vascular smooth muscle cells and of T-lymphocytes. Enhances lymphocyte migration. Plays a role in vascular inflammation.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1703217
NCBI GeneID	199
UniProt Accession #	P55008
NCBI Official Full Name	Allograft inflammatory factor 1
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
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.