Actin Alpha (ACTalpha) ELISA Kit for Mouse

PRODUCT OVERVIEW

Product Name	Actin Alpha (ACTalpha), ELISA Kit
Full Product Name	Mouse Actin Alpha ELISA Kit
Product Gene Name	ACTalpha elisa kit
Species Reactivity	Mouse
Assay Type	Competitive
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.
Molecular Weight	14,214 Da
Sample Preparation	We suggest pre-experimenting with neat (undiluted) samples, 1:2 or 1:4 dilutions. Please avoid diluting your samples more than 1:10 as it would exceed the dilution limit set for this kit. If the expected concentration of the target is beyond the detection range of the kit, please contact our technical support team
Product Categories/Family for ACTalpha elisa kit	Signal Transduction
ISO Certification	Manufactured in an ISO 13485:2016 Certified Laboratory.
Related Product Information for ACTalpha elisa kit	MBS747422 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Actin Alpha (ACTalpha) ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing ACTalpha. The ELISA analytical biochemical technique of the MBS747422 kit is based on ACTalpha antibody-ACTalpha antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect ACTalpha antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, ACTalpha. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).
Other Notes	Small volumes of ACTalpha elisa kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ACTalpha. It may not necessarily be applicable to this product.

NCBI GI #	267844973
NCBI Accession #	ACY79586.1
NCBI Official Full Name	actin alpha, partial
UniProt Protein Name	Actin alpha
UniProt Synonym Protein Names	Actin alpha
Protein Family	Actin
UniProt Entry Name	D1MEM6_POLOR

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