Activin A (ACVA) ELISA Kit for Bovine

PRODUCT OVERVIEW

Product Name	Activin A (ACVA), ELISA Kit
Full Product Name	Bovine Activin A (ACVA) ELISA Kit
Product Gene Name	ACVA elisa kit
Species Reactivity	Bovine
Preparation and Storage	Store all reagents at 2-8 degree C.
Molecular Weight	108,792 Da
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ACVA elisa kit	MBS2608564 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Activin A (ACVA) 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 ACVA. The ELISA analytical biochemical technique of the MBS2608564 kit is based on ACVA antibody-ACVA antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect ACVA antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, ACVA. 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 ACVA 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 ACVA. It may not necessarily be applicable to this product.

NCBI GI #	24638797
NCBI GeneID	43826
NCBI Accession #	NP_651942.2
UniProt Secondary Accession #	Q8MRB1; Q8WR60; Q9V497
UniProt Related Accession #	O61643
GenBank Nucleotide #	NM_143685.3
NCBI Official Full Name	Activin-beta
NCBI Official Synonym Full Names	Activin-beta
NCBI Official Symbol	Actbeta
NCBI Official Synonym Symbols	act; Act; Act-beta; actbeta; Activin; activin-beta; anon-WO02059370.79; beta-Activin; CG11062; dact; dAct; dACT; dActivin; DmelCG11062
UniProt Protein Name	Inhibin beta chain
UniProt Synonym Protein Names	Activin beta chain; dAct; dActivin
Protein Family	N-(5-amino-5-carboxypentanoyl)-L-cysteinyl-D-valine synthase
UniProt Gene Name	Actbeta

UniProt Synonym Gene Names	activin-beta; dAct; dActivin
UniProt Entry Name	INHB_DROME
NCBI Protein Information	CG11062 gene product from transcript CG11062-RA
UniProt Comments for ACVA	Controls several aspects of neuronal morphogenesis; essential for optic lobe development, EcR-B1 expression in larval brains, mushroom body remodeling, dorsal neuron morphogenesis and motoneuron axon guidance. Ligands Actbeta and daw act redundantly through the Activin receptor Babo and its transcriptional mediator Smad2 (Smox), to regulate neuroblast numbers and proliferation rates in the developing larval brain.
Research Articles on ACVA	**1.** Activin signaling regulates postsynaptic membrane potential and GluRIIA/B abundance at the Drosophila neuromuscular junction
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