A-L-Iduronidase (IDUA) ELISA Kit for Canine

PRODUCT OVERVIEW

Product Name	A-L-Iduronidase (IDUA), ELISA Kit
Full Product Name	Canine A-L-Iduronidase ELISA Kit
Product Gene Name	IDUA elisa kit
Species Reactivity	Canine
Assay Type	Sandwich
Preparation and Storage	Store all reagents at 2-8 degree C
Related Product Information for IDUA elisa kit	MBS039166 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the A-L-Iduronidase (IDUA) 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 IDUA. The ELISA analytical biochemical technique of the MBS039166 kit is based on IDUA antibody-IDUA antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect IDUA antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, IDUA. 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 IDUA 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 IDUA. It may not necessarily be applicable to this product.

NCBI GI #	62089474
NCBI GeneID	3425
NCBI Accession #	AAH29959.1
NCBI Official Full Name	IDUA protein, partial
Protein Family	Alpha-L-iduronidase
NCBI Summary for IDUA	This gene encodes an enzyme that hydrolyzes the terminal alpha-L-iduronic acid residues of two glycosaminoglycans, dermatan sulfate and heparan sulfate. This hydrolysis is required for the lysosomal degradation of these glycosaminoglycans. Mutations in this gene that result in enzymatic deficiency lead to the autosomal recessive disease mucopolysaccharidosis type I (MPS I). [provided by RefSeq, Jul 2008]
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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