Dendrin (DRN) ELISA Kit for Sheep

PRODUCT OVERVIEW

Product Name	Dendrin (DRN), ELISA Kit
Full Product Name	Sheep Dendrin (DRN) ELISA Kit
Product Gene Name	DRN elisa kit
Species Reactivity	Sheep
Preparation and Storage	Store all reagents at 2-8 degree C
Molecular Weight	75,996 Da
OMIM	AC011603 Genomic DNA
3D Structure	ModBase 3D Structure for O94850
Related Product Information for DRN elisa kit	MBS9393614 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Dendrin (DRN) 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 DRN. The ELISA analytical biochemical technique of the MBS9393614 kit is based on DRN antibody-DRN antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect DRN antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, DRN. 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 DRN 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 DRN. It may not necessarily be applicable to this product.

NCBI GI #	194272140
NCBI GeneID	23109
NCBI Accession #	NP_055901.2
UniProt Primary Accession #	O94850
UniProt Related Accession #	O94850
GenBank Nucleotide #	NM_015086.1
NCBI Official Full Name	dendrin
NCBI Official Synonym Full Names	dendrin
NCBI Official Symbol	DDN
UniProt Protein Name	Dendrin
UniProt Gene Name	DDN
UniProt Synonym Gene Names	KIAA0749
NCBI Protein Information	dendrin

UniProt Comments for DRN	DDN: Promotes apoptosis of kidney glomerular podocytes. Podocytes are highly specialized cells essential to the ultrafiltration of blood, resulting in the extraction of urine and the retention of protein. Chromosomal Location of Human Ortholog: 12q13.12 Cellular Component: cell projection; cytoplasm; nucleus Molecular Function: protein binding Biological Process: positive regulation of transcription from RNA polymerase II promoter
Research Articles on DRN	**1.** Increasing number of dendrin-positive nuclei in the glomeruli suggest acute glomerular injury in IgA nephropathy.
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