Prorenin (REN) ELISA Kit for Sheep

PRODUCT OVERVIEW

Product Name	Prorenin, ELISA Kit
Full Product Name	Sheep Prorenin ELISA Kit
Product Gene Name	REN elisa kit
Species Reactivity	Sheep
Preparation and Storage	Store at 2-8 degree C. The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.
Molecular Weight	44,961 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
Reproducibility	Intra-Assay: CV<10% Inter-Assay: CV<15%
Reactivity Note	No significant cross-reactivity or interference between this antigen and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection, therefore, cross reaction may still exist in some cases.
Product Categories/Family for REN elisa kit	Cardiovascular
ISO Certification	Manufactured in an ISO 13485:2016 Certified Laboratory.
Related Product Information for REN elisa kit	This ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of the targets.
Other Notes	Small volumes of REN 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.
Searchable Terms for REN purchase	MBS7266430 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Prorenin, 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 REN. The ELISA analytical biochemical technique of the MBS7266430 kit is based on REN antibody-REN antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect REN antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, REN. 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(%).

ADDITIONAL DETAILS

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

NCBI GI #	61699710
NCBI GeneID	574299
NCBI Accession #	AAT74864.2
UniProt Related Accession #	Q6DLW5
NCBI Official Full Name	prorenin

NCBI Official Symbol	REN
UniProt Protein Name	Renin
UniProt Synonym Protein Names	Angiotensinogenase
Protein Family	Protein
UniProt Gene Name	REN
NCBI Protein Information	renin
UniProt Comments for REN	Renin is a highly specific endopeptidase, whose only known function is to generate angiotensin I from angiotensinogen in the plasma, initiating a cascade of reactions that produce an elevation of blood pressure and increased sodium retention by the kidney.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
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.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/sheep-elisa-kits/prorenin/7266430