Immunoglobulin A (IgA) ELISA Kit for Sheep

PRODUCT OVERVIEW

Product Name	Immunoglobulin A (IgA), ELISA Kit
Full Product Name	Sheep Immunoglobulin A ELISA Kit
Product Gene Name	IgA elisa kit
Species Reactivity	Sheep
Assay Type	Quantitative Sandwich
Detection Range	31.2ug/ml-1000ug/ml
Sensitivity	5.0ug/ml
Specificity	No significant cross-reactivity or interference between this analyte and analogues is observed.
Preparation and Storage	Store all reagents at 2-8 degree C
Inter-assay Precision	Inter-assay CV (%) is less than 15%. [CV(%) = SD/mean ×100]. All CV% should be compared by concentration, not compared by OD values.
Intra-assay Precision	Intra-assay CV (%) is less than 15%. [CV(%) = SD/mean ×100].
Related Product Information for IgA elisa kit	Background: This Quantitative Sandwich ELISA kit is for lab reagent/research use only, not for drug, household, therapeutic or test applications! This kit is intended to be used to determine the level of IgA (hereafter termed "analyte") in undiluted original Sheep serum, plasma or tissue homogenates samples. For other sample types please contact tech support to determine compatibility with this assay. This kit is not suitable for assaying non-biological sources of substances.
Other Notes	Small volumes of IgA 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 IgA purchase	MBS040322 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Immunoglobulin A (IgA) 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 IgA. The ELISA analytical biochemical technique of the MBS040322 kit is based on IgA antibody-IgA antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect IgA antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, IgA. 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 IgA. It may not necessarily be applicable to this product.

NCBI GI #	546799
NCBI Accession #	AAB30803.1
NCBI Official Full Name	immunoglobulin A heavy chain allotype 2, partial
Protein Family	IgA-specific serine endopeptidase autotransporter
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.

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