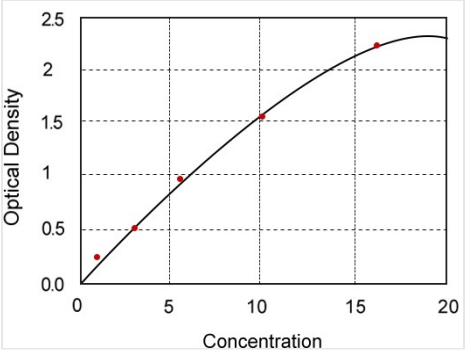
Carbohydrate Antigen 242 (CA242) ELISA Kit for Human

PRODUCT OVERVIEW

Product Name	Carbohydrate Antigen 242 (CA242), ELISA Kit
Full Product Name	Human Carbohydrate Antigen 242 (CA242) ELISA Kit
Product Gene Name	CA242 elisa kit
Species Reactivity	Human
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Detection Range	0.5U/ml - 200U/ml
Sensitivity	0.28U/ml
Preparation and Storage	Store at 2 to 8 degree C for 6 months.
Intra-Assay	CV<8%
Inter-Assay	CV<10%
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for CA242 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of human Carbohydrate Antigen 242 (also known as CA242) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human CA242 antibody. CA242 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human CA242 Antibody is added and binds to CA242 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CA242antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human CA242. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
Other Notes	Small volumes of CA242 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 CA242 purchase	MBS163091 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Carbohydrate Antigen 242 (CA242) 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 CA242. The ELISA analytical biochemical technique of the MBS163091 kit is based on CA242 antibody-CA242 antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect CA242 antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, CA242. 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(%).



Typical Testing Data/Standard Curve (for reference only) of CA242 elisa kit

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/human-elisa-kits/carbohydrate-antigen-242-ca242/163091