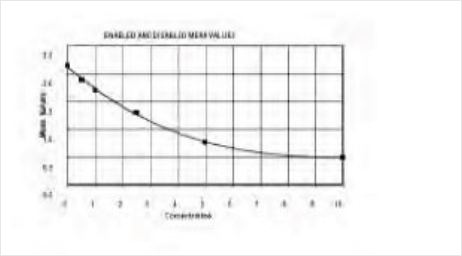
# Glycoalbumin ELISA Kit

## PRODUCT OVERVIEW

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| **Product Name** | glycoalbumin, ELISA Kit |
| **Full Product Name** | Human glycoalbumin ELISA Kit |
| **Samples** | Cell culture fluid, body fluid, tissue homogenate, serum and blood plasma |
| **Preparation and Storage** | Store all reagents at 2-8 degree C |
| **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 |
| **ISO Certification** | Manufactured in an ISO 13485:2016 Certified Laboratory. |
| **Related Product Information for glycoalbumin elisa kit** | **For Samples:** Cell culture fluid, body fluid, tissue homogenate, serum and blood plasma<br><br>**Intended Uses:** This glycoalbumin ELISA kit is intended for laboratory research use only. The stop solution changes the color from blue to yellow and the intensity of the color is measured at 450 nm using a spectrophotometer. In order to measure the concentration of glycoalbumin in the sample, this glycoalbumin ELISA Kit includes a set of calibration standards. The calibration standards are assayed at the same time as the samples and allow the operator to produce a standard curve of Optical Density versus glycoalbumin concentration. The concentration of in the samples is then determined by comparing the O.D. of the samples to the standard curve.<br><br>**Principle of the Assay:** The coated well immunoenzymatic assay for the quantitative measurement of glycoalbumin utilizes a multiclonal anti-glycoalbumin antibody and an glycoalbumin-HRP conjugate. The assay sample and buffer are incubated together with glycoalbumin-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the glycoalbumin concentration since glycoalbumin from samples and glycoalbumin-HRP conjugate compete for the anti-glycoalbumin antibody binding site. Since the number of sites is limited, as more sites are occupied by glycoalbumin from the sample, fewer sites are left to bind glycoalbumin-HRP conjugate. Standards of known glycoalbumin concentrations are run concurrently with the samples being assayed and a standard curve is plotted relating the intensity of the color (Optical Density) to the concentration of glycoalbumin. The glycoalbumin concentration in each sample is interpolated from this standard curve. |
| **Other Notes** | Small volumes of glycoalbumin 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 glycoalbumin purchase** | MBS733902 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the glycoalbumin, 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 glycoalbumin. The ELISA analytical biochemical technique of the MBS733902 kit is based on glycoalbumin antibody-glycoalbumin antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect glycoalbumin antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, glycoalbumin. 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 glycoalbumin elisa kit**

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

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Online datasheet: https://www.mybiosource.com/elisa-kits/glycoalbumin/733902