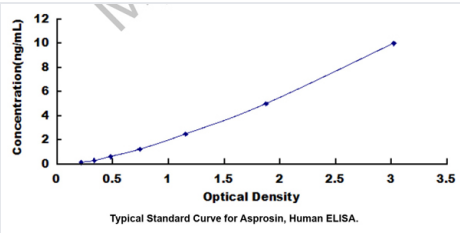
Asprosin ELISA Kit for Human

PRODUCT OVERVIEW

Product Name	Asprosin, ELISA Kit
Full Product Name	Human Asprosin ELISA Kit
Species Reactivity	Human
Assay Type	Quantitative Sandwich
Samples	Human serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.062ng/mL
Specificity	This assay has high sensitivity and excellent specificity for detection of asprosin. No significant cross-reactivity or interference between asprosin and analogues was observed.
Preparation and Storage	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. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level asprosin were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level asprosin were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Supply Chain Verification	Manufactured in a lab with traceable raw materials. Bulk orders can typically be prepared to the customer's specifications, please inquire.
ISO Certification	Manufactured in an ISO 9001:2008 and ISO 13485:2003 Certified Laboratory.
Related Product Information for Asprosin elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to asprosin. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to asprosin. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain asprosin, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of asprosin in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of asprosin in human serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Product References and Citations for Asprosin elisa kit	Evaluation the correlation between the level of asprosin and some biochemical parameters in women with polycystic ovary syndrome; HA Mahdi
Other Notes	Small volumes of Asprosin 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 Asprosin purchase	MBS2707373 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Asprosin, 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 Asprosin. The ELISA analytical biochemical technique of the MBS2707373 kit is based on Asprosin antibody-Asprosin antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect Asprosin antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, Asprosin. 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 Asprosin 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/asprosin/2707373