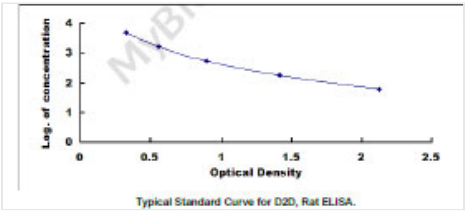
D-Dimer (D2D) ELISA Kit for Rat

PRODUCT OVERVIEW

Product Name	D-Dimer (D2D), ELISA Kit
Full Product Name	Rat D-Dimer (D2D) Wide-range ELISA Kit
Product Gene Name	D2D elisa kit
Product Synonym Names	D 2 Dimer
Species Reactivity	Rat
Assay Type	Competitive Inhibition
Samples	Plasma
Detection Range	123.5-10,000pg/mL
Sensitivity	52.5pg/mL
Specificity	This assay has high sensitivity and excellent specificity for detection of Wide-range D-Dimer (D2D). No significant cross-reactivity or interference between Wide-range D-Dimer (D2D) 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.
Supply Chain Verification	Manufactured in a lab with traceable raw materials. Bulk orders can typically be prepared to the customer's specifications, please inquire.
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Wide-range D-Dimer (D2D) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Wide-range D-Dimer (D2D) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Product Categories/Family for D2D elisa kit	Hematology; Cardiovascular biology
ISO Certification	Manufactured in an ISO 9001:2015 and ISO 13485:2016 Certified Laboratory.
Related Product Information for D2D elisa kit	This assay employs the competitive inhibition enzyme immunoassay technique. A monoclonal antibody specific to Wide-range D-Dimer (D2D) has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled Wide-range D-Dimer (D2D) and unlabeled Wide-range D-Dimer (D2D) (Standards or samples) with the pre-coated antibody specific to Wide-range D-Dimer (D2D). After incubation the unbound conjugate is washed off. Next, avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. The amount of bound HRP conjugate is reverse proportional to the concentration of Wide-range D-Dimer (D2D) in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of Wide-range D-Dimer (D2D) in the sample.

Other Notes	Small volumes of D2D 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 D2D purchase	MBS2088232 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the D-Dimer (D2D) 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 D2D. The ELISA analytical biochemical technique of the MBS2088232 kit is based on D2D antibody-D2D antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect D2D antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, D2D. 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 D2D 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/rat-elisa-kits/d-dimer-d2d/2088232