

Human Ischemia Modified Albumin, IMA ELISA Kit | IMA elisa kit

Human Ischemia Modified Albumin, IMA ELISA Kit

CATALOG #
AAA80711

REACTIVITY
Human

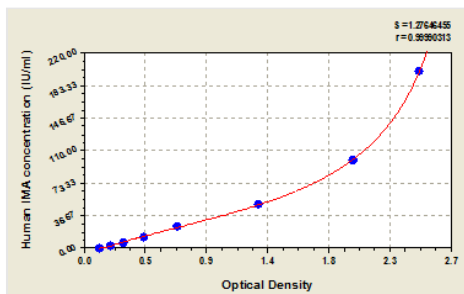
PRODUCT SYNONYMS

Ischemia Modified Albumin; IMA; Human Ischemia Modified Albumin; IMA ELISA Kit; IMA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, tissue homogenates
Detection Range	3.12 IU/ml-200 IU/ml
Sensitivity	0.78 IU/ml
Detection Wavelength	450 nm
Sample Volume	50-100ul
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IMA elisa kit	Introduction: Ischemia-modified albumin (IMA), a new marker of myocardial ischemia, is known to elevate during ischemia induced by percutaneous coronary intervention. It is, however, not known whether ischemia-modified albumin also elevates during transient coronary vasospasm. IMA is highly sensitive for the identification of myocardial ischaemia in patients presenting with symptoms of acute chest pain. IMA is also a good alternative to D-dimer in the exclusion of PE identification in terms of cost and efficiency. When used in combination with clinical probability scores, it has a similar positive effect on sensitivity to that of D-dimer and a superior one to that of NPV. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to IMA. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for IMA and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB (3,3',5, 5' tetramethyl-benzidine) substrate solution is added to each well. Only those wells that contain IMA, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of IMA in the samples is then determined by comparing the O.D. of the samples to the standard curve..
--	--

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/ischemia-modified-albumin-ima/80711>