

Human Monoamine Oxidase B (MAOB) ELISA Kit | MAOB elisa kit

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CATALOG #
AAA331894

REACTIVITY
Human

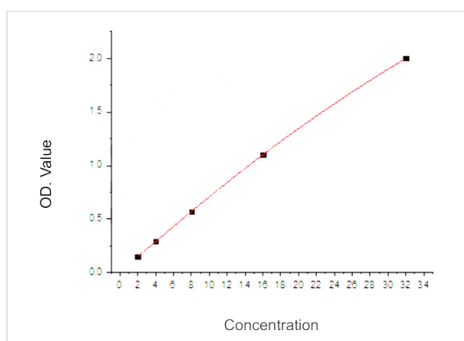
PRODUCT SYNONYMS

Monoamine Oxidase B (MAOB); Human Monoamine Oxidase B (MAOB) ELISA Kit; MAOB; RP1-201D17__B.1; MGC26382; MAO; brain; platelet; adrenalin oxidase; tyramine oxidase; MAOB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Monoamine oxidase B (MAOB) ELISA Kit has high sensitivity and excellent specificity for detection of Human MAOB. No significant cross-reactivity or interference between Human MAOB and analogues was observed.
Sequence Length	520
Assay Type	Sandwich
Samples	Human serum, cell culture supernates and other biological fluids
Detection Range	2 ng/L - 32 ng/L
Sensitivity	< 0.1ng/L
Intra-assay Precision	Four samples of known concentration were tested twenty times on one plate to assess intra-assay precision. The CV (%)?9%.
Inter-assay Precision	Three samples of known concentration were tested in twenty separate assays to assess inter-assay precision. Assays were performed by at least three technicians using two lots of components. The CV (%)?11%.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MAOB elisa kit	Background: Monoamine oxidase-B (MAO-B) is a FAD-dependent mitochondrial enzyme, which, together with its isoenzyme MAO-A, catalyses the oxidative deamination of structurally diverse amines Kalgutkar et al (2001). MAO-B is involved in the metabolism of biogenic amines as well as amine xenobiotics Cesura and Pletscher (1992). Principle of the Assay: Human Monoamine oxidase B (MAOB) ELISA Kit employs a two-site sandwich ELISA to quantitate MAOB in samples. An antibody specific for MAOB has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MAOB present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated Human MAOB detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen solution is added to the wells and color develops in proportion to the amount of MAOB bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	113980
NCBI GeneID	4129
UniProt Accession #	P27338
NCBI Official Full Name	Amine oxidase
NCBI Official Synonym Full Names	monoamine oxidase B
NCBI Official Symbol	MAOB
NCBI Protein Information	amine oxidase [flavin-containing] B
UniProt Protein Name	Amine oxidase [flavin-containing] B
UniProt Gene Name	MAOB
UniProt Synonym Gene Names	MAO-B
UniProt Entry Name	AOFB_HUMAN

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://www.aaabiotech.com/human-elisa-kits/monoamine-oxidase-b-maob/331894>