

Human Uricase (UOX) ELISA Kit | UOX elisa kit

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CATALOG #
AAA43964

REACTIVITY
Human

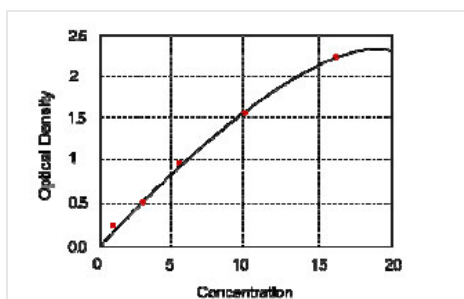
PRODUCT SYNONYMS

Uricase (UOX); Human Uricase (UOX) ELISA Kit; UOX elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	303
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/ml - 100ng/ml
Sensitivity	0.27ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for UOX elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Uricase (also known as UOX) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human UOX antibody. UOX present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human UOX Antibody is added and binds to UOX in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated UOX antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human UOX. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	20127395
NCBI GeneID	114768
NCBI Accession #	NP_446220.1
NCBI GenBank Nucleotide #	NM_053768.2
UniProt Accession #	P09118
Molecular Weight	34,934 Da
NCBI Official Full Name	uricase
NCBI Official Synonym Full Names	urate oxidase
NCBI Official Symbol	Uox
NCBI Official Synonym Symbols	Uri; Uri2; UOX-2
NCBI Protein Information	uricase
UniProt Protein Name	Uricase
UniProt Gene Name	Uox

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.

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Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/uricase-uox/43964>