

Human Xanthine Oxidase (XOD) ELISA Kit | XOD elisa kit

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CATALOG #
AAA11340

REACTIVITY
Human

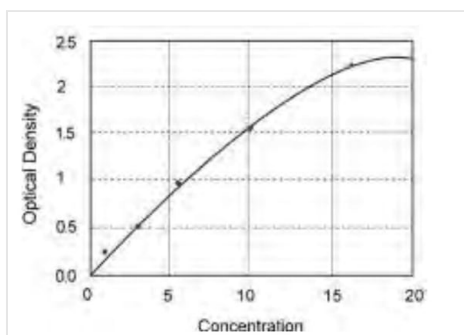
PRODUCT SYNONYMS

Xanthine Oxidase (XOD); Human Xanthine Oxidase (XOD) ELISA Kit; XOD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	513
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.5-100ng/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 XOD elisa kit

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human XOD antibody. XOD present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human XOD Antibody is added and binds to XOD in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated XOD 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 XOD. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Xanthine Oxidase (also known as XOD) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	157092381
Molecular Weight	56,177 Da
NCBI Official Full Name	xanthine oxidase
UniProt Protein Name	Xanthine oxidase

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/xanthine-oxidase-xod/11340>