Human Aflatoxin B1 aldehyde reductase member 4 (AKR7L) ELISA Kit | AKR7L elisa kit

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CATALOG #	REACTIVITY
AAA43816	**Human**

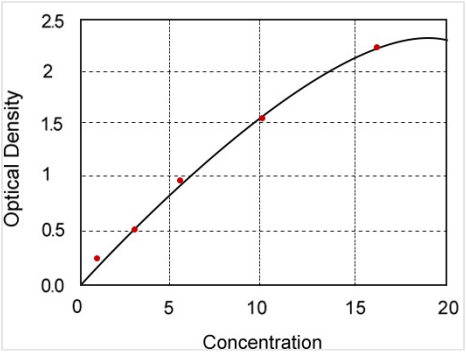
PRODUCT SYNONYMS

Aflatoxin B1 aldehyde reductase member 4 (AKR7L); Human Aflatoxin B1 aldehyde reductase member 4 (AKR7L) ELISA Kit; AKR7L elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	331
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	10ng/L - 4000ng/L
Sensitivity	5.46ng/L
Intra-Assay	CV<8%
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 AKR7L elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of human Aflatoxin B1 Aldehyde Reductase Member 4 (also known as AKR7L) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human AKR7L antibody. AKR7L present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human AKR7L Antibody is added and binds to AKR7L in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated AKR7L 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 AKR7L. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1139695540
NCBI GeneID	246181
NCBI Accession #	NP_001335350.1
NCBI GenBank Nucleotide #	NM_001348421.1
UniProt Accession #	Q8NHP1; Q5U614
Molecular Weight	26,725 Da
NCBI Official Full Name	aflatoxin B1 aldehyde reductase member 4
NCBI Official Synonym Full Names	aldo-keto reductase family 7 like (gene/pseudogene)
NCBI Official Symbol	AKR7L
NCBI Official Synonym Symbols	AFAR3; AKR7A4; AFB1-AR3; AFB1-AR 3
NCBI Protein Information	aflatoxin B1 aldehyde reductase member 4
UniProt Protein Name	Aflatoxin B1 aldehyde reductase member 4
UniProt Gene Name	**AKR7L**
UniProt Synonym Gene Names	AFAR3; AKR7A4; AFB1-AR 3

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/aflatoxin-b1-aldehyde-reductase-member-4-akr7l/43816