

Human Amelogenin Linked-X (AMELX) ELISA Kit | AMELX elisa kit

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CATALOG #
AAA41729

REACTIVITY
Human

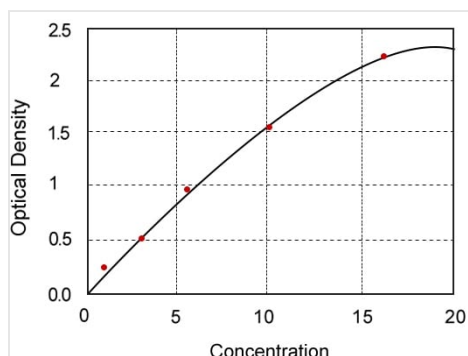
PRODUCT SYNONYMS

Amelogenin Linked-X (AMELX); Human Amelogenin Linked-X (AMELX) ELISA Kit; AMELX elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	175
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 20ng/ml
Sensitivity	0.027ng/ml
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 AMELX elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Amelogenin Linked-X (also known as AMELX) 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 AMELX antibody. AMELX present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human AMELX Antibody is added and binds to AMELX in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated AMELX 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 AMELX. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	33356558
NCBI GeneID	265
NCBI Accession #	NP_872622.1
NCBI GenBank Nucleotide #	NM_182681.1
UniProt Accession #	Q99217; Q96NW6; Q9UCA7
Molecular Weight	19,796 Da
NCBI Official Full Name	amelogenin, X isoform isoform 2
NCBI Official Synonym Full Names	amelogenin X-linked
NCBI Official Symbol	AMELX
NCBI Official Synonym Symbols	AMG; AI1E; AIH1; ALGN; AMGL; AMGX
NCBI Protein Information	amelogenin, X isoform
UniProt Protein Name	Amelogenin, X isoform
UniProt Gene Name	AMELX
UniProt Synonym Gene Names	AMG; AMGX

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://stage.aaabiotech.com/human-elisa-kits/amelogenin-linked-x-amelx/41729>