

Porcine Amelogenin (AMEL) ELISA Kit | AMEL elisa kit

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CATALOG #
AAA121352

REACTIVITY
Porcine

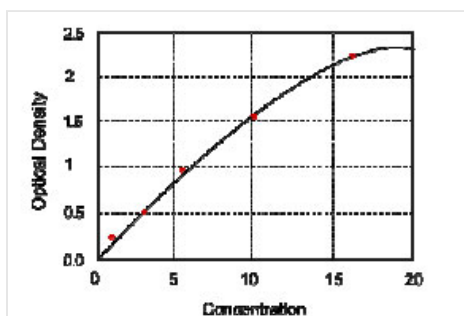
PRODUCT SYNONYMS

Amelogenin (AMEL); Porcine Amelogenin (AMEL) ELISA Kit; AMEL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Sequence Length	142
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.3ng/ml - 90ng/ml
Sensitivity	0.16ng/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 AMEL elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	453121
Molecular Weight	19,796 Da
NCBI Official Full Name	amelogenin, partial
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://www.aaabiotech.com/porcine-elisa-kits/amelogenin-amel/121352>