

Pig Amelogenin ELISA Kit | AMEL elisa kit

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CATALOG #
AAA56357

REACTIVITY
Pig

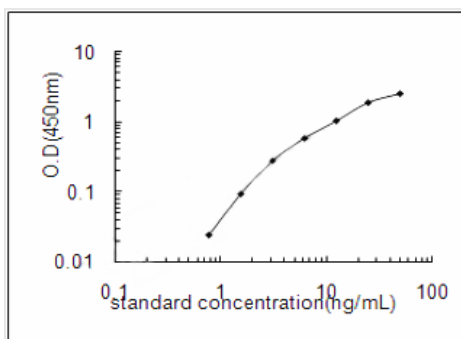
PRODUCT SYNONYMS

Amelogenin; Pig Amelogenin ELISA Kit; AMEL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Pig
Specificity	This assay recognizes recombinant and natural pig Amelogenin. No significant cross-reactivity or interference was observed.
Sequence Length	142
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.
Detection Range	0.78 ng/mL -50.0 ng/mL.
Intended Uses	This immunoassay kit allows for the in vitro quantitative determination of pig Amelogenin concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AMEL elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Amelogenin. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Amelogenin and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Amelogenin, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Amelogenin in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	47523240
NCBI GeneID	396714
NCBI Accession #	NP_998965.1
NCBI GenBank Nucleotide #	NM_213800.1
UniProt Accession #	P45561
Molecular Weight	21,387 Da
NCBI Official Full Name	amelogenin
NCBI Official Symbol	LOC396714
NCBI Protein Information	amelogenin
UniProt Protein Name	Amelogenin
UniProt Gene Name	AMEL
UniProt Synonym Gene Names	LRAP
UniProt Entry Name	AMEL_PIG

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/amel-pig-elisa-kits/amelogenin/56357>