

Porcine Amylase Alpha 1, Salivary ELISA Kit | AMY1 elisa kit

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CATALOG #
AAA89236

REACTIVITY
Porcine

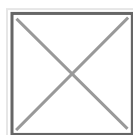
PRODUCT SYNONYMS

Amylase Alpha 1; Salivary; Porcine Amylase Alpha 1; Salivary ELISA Kit; AMY1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Sensitivity	1.0 pg/mL.
Intended Uses	This AMY1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine AMY1. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AMY1 elisa kit

Principle of the Assay: AMY1 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for IL-1. Standards or samples are then added to the microtiter plate wells and AMY1 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of AMY1 present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for AMY1 are added to each well to "sandwich" the AMY1 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain AMY1 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The AMY1 concentration in each sample is interpolated from this standard curve

NCBI AND UNIPROT INFORMATION

NCBI GI #	226407125
Molecular Weight	15,337 Da
NCBI Official Full Name	AMY1, partial
UniProt Protein Name	AMY1

UniProt Gene Name	AMY1
UniProt Entry Name	C1KRZ2_BRADI

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/amy1-porcine-elisa-kits/amylase-alpha-1-salivary/89236>