

Pig Hyaluronic acid ELISA Kit | HA elisa kit

Pig Hyaluronic acid (HA) ELISA Kit

CATALOG #
AAA13239

REACTIVITY
Pig

PRODUCT SYNONYMS

Hyaluronic acid; Pig Hyaluronic acid (HA) ELISA Kit; HA elisa kit

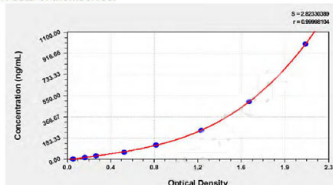
PRODUCT SPECIFICATIONS

Reactivity	Pig
Specificity	This assay has high sensitivity and excellent specificity for detection of Pig HA. No significant cross-reactivity or interference between Pig HA and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	7.8 ng/mL - 500 ng/mL
Sensitivity	3.9 ng/mL (mean of 6 independent assays)
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times 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 forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

IMAGES

[TYPICAL DATA]

For convenience in result calculation, absorbance as abscissa and standard concentrations can be used as ordinate. The standard curve provided in the manual is only for reference, experimenters should draw the standard curve based on data of themselves.



Precautions: This kit contains trace amount of proclin® 300 which is toxic and direct touch of reagents by mouth, eyes, and skin should be avoided. If get touched or get into the mouth, please rinse with plenty of water. The Stop Buffer is a corrosive sulfuric acid solution, please take care for safety.

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HA elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate HA in Pig serum, plasma. An antibody specific for HA has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any HA present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for HA is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of HA bound in the initial step. The color development is stopped and the intensity of the color is measured. Intended Uses: For the quantitative detection of Pig Hyaluronic acid (HA) concentration in serum, plasma and other biological fluids.
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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/ha-pig-elisa-kits/hyaluronic-acid/13239>