

Bovine Antithrombin (AT) ELISA Kit | AT elisa kit

Bovine Antithrombin (AT) ELISA Kit

CATALOG #
AAA152359

REACTIVITY
Bovine

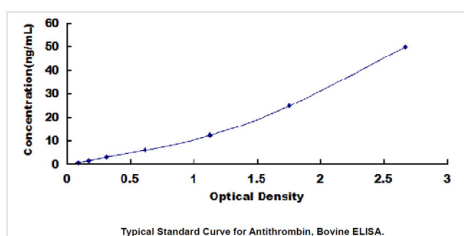
PRODUCT SYNONYMS

Antithrombin (AT); Bovine Antithrombin (AT) ELISA Kit; AT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay has high sensitivity and excellent specificity for detection of antithrombin. No significant cross-reactivity or interference between antithrombin and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Bovine plasma
Detection Range	0.78-50ng/mL
Sensitivity	< 0.31ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level antithrombin were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level antithrombin were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AT elisa kit

Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to antithrombin. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to antithrombin. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain antithrombin, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of antithrombin in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of antithrombin in bovine plasma.

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://stage.aaabiotech.com/bovine-ovine-elisa-kits/antiithrombin-at/152359>