

Monkey alpha1-AT ELISA Kit | alpha1-AT elisa kit

Monkey alpha1-AT (Alpha 1-Antitrypsin) ELISA Kit

CATALOG #
AAA164538

REACTIVITY
Monkey

PRODUCT SYNONYMS

alpha1-AT; Monkey alpha1-AT (Alpha 1-Antitrypsin) ELISA Kit; alpha1-AT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Specificity	This kit recognizes Monkey alpha1-AT in samples. No significant cross-reactivity or interference between Monkey alpha1-AT and analogues was observed.
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	1.56-100ng/mL
Sensitivity	0.94ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Monkey alpha1-AT were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Monkey alpha1-AT were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

ADDITIONAL INFORMATION

Related Product Information for alpha1-AT elisa kit

Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Monkey alpha1-AT concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Monkey alpha1-AT. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Monkey alpha1-AT and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Monkey alpha1-AT, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Monkey alpha1-AT. You can calculate the concentration of Monkey alpha1-AT in the samples by comparing the OD of the samples to the standard curve.

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.