

Guinea Pig alpha-SMA ELISA Kit | alpha-SMA elisa kit

Guinea pig alpha-SMA (alpha-Smooth muscle actin) ELISA Kit

CATALOG #
AAA164323

REACTIVITY
Guinea Pig

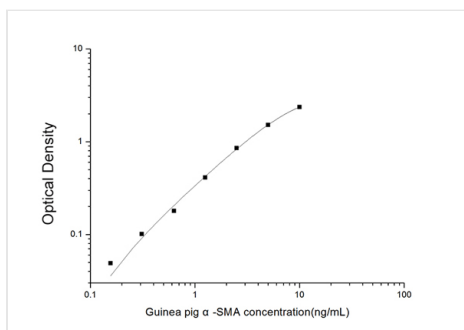
PRODUCT SYNONYMS

alpha-SMA; Guinea pig alpha-SMA (alpha-Smooth muscle actin) ELISA Kit; alpha-SMA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Guinea Pig
Specificity	This kit recognizes Guinea pig alpha-SMA in samples. No significant cross-reactivity or interference between Guinea pig alpha-SMA and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	0.094ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Guinea pig alpha-SMA 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 Guinea pig alpha-SMA were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for alpha-SMA elisa kit	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 Guinea pig alpha-SMA. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Guinea pig alpha-SMA 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 Guinea pig alpha-SMA, 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 Guinea pig alpha-SMA. You can calculate the concentration of Guinea pig alpha-SMA in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Guinea pig alpha-SMA concentrations 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/guinea-pig-pig-elisa-kits/alpha-sma/164323>