

Canine Smooth muscle actin ELISA Kit | SMA elisa kit

Canine Smooth muscle actin (SMA) ELISA Kit

CATALOG #
AAA181088

REACTIVITY
Canine

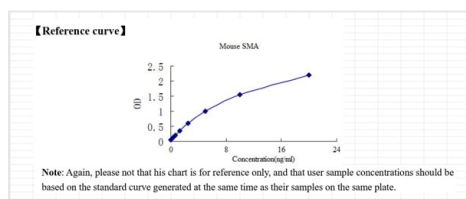
PRODUCT SYNONYMS

Smooth muscle actin; Canine Smooth muscle actin (SMA) ELISA Kit; SMA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Sequence Length	377
Assay Type	Sandwich
Detection Range	20 ng/mL-0.312 ng/mL
Sensitivity	Up to 0.06 ng/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SMA elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Mouse SMA monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	33415844
Molecular Weight	41,978 Da
NCBI Official Full Name	smooth muscle actin

UniProt Protein Name	Smooth muscle actin
UniProt Entry Name	Q5JAK4_PELLE

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/sma-canine-elisa-kits/smooth-muscle-actin/181088>