

Chicken Anti-Smooth Muscle Antibody ELISA Kit | ASMA elisa kit

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CATALOG #
AAA89977

REACTIVITY
Chicken

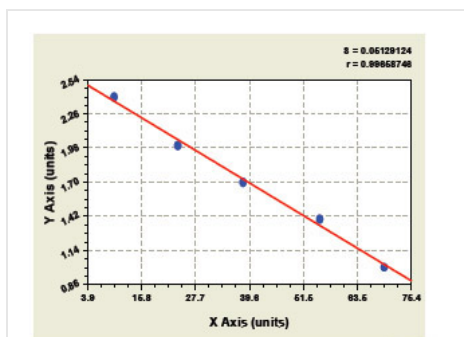
PRODUCT SYNONYMS

Anti-Smooth Muscle Antibody; Chicken Anti-Smooth Muscle Antibody ELISA Kit; ASMA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ASMA elisa kit

Intended Uses: This ASMA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken ASMA. This ELISA kit for research use only!

Principle of the Assay: ASMA ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ASMA antibody and an ASMA-HRP conjugate. The assay sample and buffer are incubated together with ASMA-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the ASMA concentration since ASMA from samples and ASMA-HRP conjugate compete for the anti-ASMA antibody binding site. Since the number of sites is limited, as more sites are occupied by ASMA from the sample, fewer sites are left to bind ASMA-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ASMA concentration in each sample is interpolated from this standard curve.

Product Categories/Family for ASMA elisa kit

Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	223694040
Molecular Weight	72,824 Da
NCBI Official Full Name	AsmA
UniProt Protein Name	AsmA
UniProt Gene Name	asmA
UniProt Synonym Gene Names	HRM2_42670
UniProt Entry Name	C0QDQ2_DESAH

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/asma-chicken-elisa-kits/anti-smooth-muscle-antibody/89977>