

Canine aryl sulfatase A ELISA Kit | ASA elisa kit

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CATALOG #
AAA88145

REACTIVITY
Canine

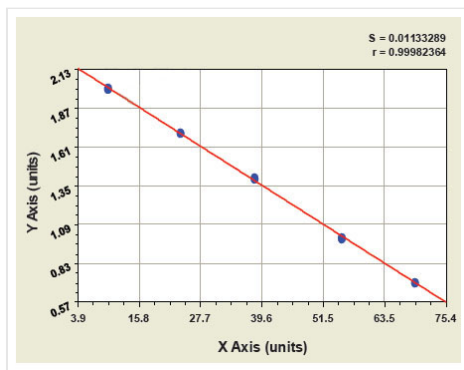
PRODUCT SYNONYMS

aryl sulfatase A; Canine aryl sulfatase A ELISA Kit; ASA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	5.0-100ug/mL
Sensitivity	1.0ng/mL
Intended Uses	This ASA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine ASA. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ASA elisa kit

Principle of the assay: ASA ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ASA antibody and an ASA-HRP conjugate. The assay sample and buffer are incubated together with ASA-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 ASA concentration since ASA from samples and ASA-HRP conjugate compete for the anti-ASA antibody binding site. Since the number of sites is limited, as more sites are occupied by ASA from the sample, fewer sites are left to bind ASA-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ASA concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	313569797
NCBI GeneID	410
NCBI Accession #	NP_001078896.2
NCBI GenBank Nucleotide #	NM_001085427.2
Molecular Weight	44,881 Da
NCBI Official Full Name	arylsulfatase A isoform a
NCBI Official Synonym Full Names	arylsulfatase A
NCBI Official Symbol	ARSA
NCBI Official Synonym Symbols	MLD
NCBI Protein Information	arylsulfatase A; ASA; cerebroside-sulfatase
UniProt Protein Name	Arylsulfatase A
UniProt Gene Name	ARSA
UniProt Synonym Gene Names	ASA
UniProt Entry Name	ARSA_HUMAN

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/asa-canine-elisa-kits/aryl-sulfatase-a/88145>